

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

Volume 5 | Map books

Traffic and Transport

November 2013

ES 3.5.1.10



Department
for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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Map series	TR-01 – Station Impacts (Operational)	TR-03 – Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes	TR-04 – Significant Residual Transport Effects Arising from Operation
Map series description	<i>This map series identifies the modal station access and facilities at station buildings once the new/enhanced stations are operational. This includes station building access, pedestrian links, cycle links and parking, bus links (including bus stops), links to classic rail and London Underground, taxi access and ranks, and car parking.</i>	<i>This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).</i>	<i>This map series identifies the significant residual transport effects arising from operation of the Proposed Scheme. The effects include those that are permanent (adverse/beneficial) transport related impacts as a result of the Proposed Scheme on the transport network. The level of significance of the effects is minor, moderate or major. This is for the two forecast years 2026 (Opening Year) and 2041 (Design Year).</i>
Community Forum Area name			
CFA 01 – Euston – Station and Approach	✓	✓	✓
CFA 02 – Camden Town and HS1 Link	✗	✓	✓
CFA 03 – Primrose Hill to Kilburn (Camden)	✗	✓	✓
CFA 04 – Kilburn (Brent) to Old Oak Common	✓	✓	✓
CFA 05 – Northolt Corridor	✗	✓	✓
CFA 06 – South Ruislip to Ickenham	✗	✓	✓
CFA 07 – Colne Valley	✗	✓	✓
CFA 08 – The Chalfonts and Amersham	✗	✓	✓
CFA 09 – Central Chilterns	✗	✓	✓
CFA 10 – Dunsmore, Wendover and Halton	✗	✓	✓
CFA 11 – Stoke Mandeville and Aylesbury	✗	✓	✓
CFA 12 – Waddesdon and Quainton	✗	✓	✓
CFA 13 – Calvert, Steeple Claydon, Twyford and Chetwode	✗	✓	✓
CFA 14 – Newton Purcell to Brackley	✗	✓	✓
CFA 15 – Greatworth to Lower Boddington	✗	✓	✓
CFA 16 – Ladbroke and Southam	✗	✓	✓
CFA 17 – Offchurch and Cubbington	✗	✓	✓
CFA 18 – Stoneleigh, Kenilworth and Burton Green	✗	✓	✓
CFA 19 – Coleshill Junction	✗	✓	✓
CFA 20 – Curdworth to Middleton	✗	✓	✓
CFA 21 – Drayton Bassett, Hints and Weeford	✗	✓	✓
CFA 22 – Whittington to Handsacre	✗	✓	✓
CFA 23 – Balsall Common and Hampton-in-Arden	✗	✓	✓
CFA 24 – Birmingham Interchange and Chelmsley Wood	✓	✓	✓
CFA 25 – Castle Bromwich and Bromford	✗	✓	✗
CFA 26 – Washwood Heath to Curzon Street	✓	✓	✓

Mapping explanatory notes

Copyright statements

Copyright statements are presented in the data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

Ordnance Survey data

All maps produced as part of the London-West Midlands Environmental Statement (ES) contain Ordnance Survey (OS) data. HS2 Ltd uses the most up-to-date mapping available, where possible, supplied by the OS. As such, we cannot be held responsible for any inaccuracies within this data.

As part of our licence conditions, all digital maps carry a watermark.

Chainage

Most of the maps presented as part of the ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XX+YYY, for example: 77+000.

Chainage (known as reference chainage) is referenced from Euston station, which is 0+000, and the value presented is in metres. For example, 77+000 refers to the point 77,000m, or 77km, from Euston station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000, scale chainage is shown at 5km intervals. For maps at 1:25,000, scale chainage is shown at 2km intervals. For maps at 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing map sets showing the different environmental themes or engineering plans, due to map sets having different scales and therefore showing differing amounts of alignment on the map.

Map orientation

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the right hand side of the page, and the West Midlands to the left.

The exceptions to this are map series LV-02, LV-03, LV-04, LV-07 and LV-08, which present the alignment running from the bottom to the top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and the West Midlands to the top.

Map books

There are a total of 76 map books in the ES, spread across Volumes 2, 4 and 5. A list of the titles is provided in the table below for reference.

Name	Name
Volume 2 Map Books Community Forum Area: 01 Euston – Station and Approach	Volume 5 Map Books: Ecology – Community Forum Area: 05 Northolt Corridor
Volume 2 Map Book s Community Forum Area: 02 Camden Town and HS1 Link	Volume 5 Map Books: Ecology – Community Forum Area: 06 South Ruislip to Ickenham
Volume 2 Map Books Community Forum Area: 03 Primrose Hill to Kilburn (Camden)	Volume 5 Map Books: Ecology – Community Forum Area: 07 Colne Valley
Volume 2 Map Books Community Forum Area: 04 Kilburn (Brent) to Old Oak Common	Volume 5 Map Books: Ecology – Community Forum Area: 08 The Chalfonts and Amersham
Volume 2 Map Books Community Forum Area: 05 Northolt Corridor	Volume 5 Map Books: Ecology – Community Forum Area: 09 Central Chilterns
Volume 2 Map Books Community Forum Area: 06 South Ruislip to Ickenham	Volume 5 Map Books: Ecology – Community Forum Area: 10 Dunsmore, Wendover and Halton
Volume 2 Map Books Community Forum Area: 07 Colne Valley	Volume 5 Map Books: Ecology – Community Forum Area: 11 Stoke Mandeville and Aylesbury
Volume 2 Map Books Community Forum Area: 08 The Chalfonts and Amersham	Volume 5 Map Books: Ecology – Community Forum Area: 12 Waddesdon and Quainton
Volume 2 Map Books Community Forum Area: 09 Central Chilterns	Volume 5 Map Books: Ecology – Community Forum Area: 13 Calvert, Steeple Claydon, Twyford and Chetwode
Volume 2 Map Books Community Forum Area: 10 Dunsmore, Wendover and Halton	Volume 5 Map Books: Ecology – Community Forum Area: 14 Newton Purcell to Brackley
Volume 2 Map Books Community Forum Area: 11 Stoke Mandeville and Aylesbury	Volume 5 Map Books: Ecology – Community Forum Area: 15 Greatworth to Lower Boddington
Volume 2 Map Books Community Forum Area: 12 Waddesdon and Quainton	Volume 5 Map Books: Ecology – Community Forum Area: 16 Ladbroke and Southam
Volume 2 Map Books Community Forum Area: 13 Calvert, Steeple Claydon, Twyford and Chetwode	Volume 5 Map Books: Ecology – Community Forum Area: 17 Offchurch and Cubbington
Volume 2 Map Books Community Forum Area: 14 Newton Purcell to Brackley	Volume 5 Map Books: Ecology – Community Forum Area: 18 Stoneleigh, Kenilworth and Burton Green
Volume 2 Map Books Community Forum Area: 15 Greatworth to Lower Boddington	Volume 5 Map Books: Ecology – Community Forum Area: 19 Coleshill Junction
Volume 2 Map Books Community Forum Area: 16 Ladbroke and Southam	Volume 5 Map Books: Ecology – Community Forum Area: 20 Curdworth to Middleton
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Volume 2 Map Books Community Forum Area: 23 Balsall Common and Hampton-in-Arden	Volume 5 Map Books: Land Quality
Volume 2 Map Books Community Forum Area: 24 Birmingham Interchange and Chelmsley Wood	Volume 5 Map Books: Landscape and Visual – Euston and London Metropolitan
Volume 2 Map Books Community Forum Area: 25 Castle Bromwich and Bromford	Volume 5 Map Books: Landscape and Visual – Country South
Volume 2 Map Books Community Forum Area: 26 Washwood Heath to Curzon Street	Volume 5 Map Books: Landscape and Visual – Country North
Volume 4 Map Books Off Route Effects	Volume 5 Map Books: Landscape and Visual – West Midlands Metropolitan
Volume 5 Map Books: Agriculture, Forestry and Soils	Volume 5 Map Books: Socio-Economic
Volume 5 Map Books: Air Quality	Volume 5 Map Books: Sound, Noise and Vibration – Euston and London Metropolitan
Volume 5 Map Books: Community	Volume 5 Map Books: Sound, Noise and Vibration – Country South
Volume 5 Map Books: Cultural Heritage – Euston and London Metropolitan	Volume 5 Map Books: Sound, Noise and Vibration – Country North
Volume 5 Map Books: Cultural Heritage – Country South	Volume 5 Map Books: Sound, Noise and Vibration – West Midlands Metropolitan
Volume 5 Map Books: Cultural Heritage – Country North	Volume 5 Map Books: Traffic and Transport
Volume 5 Map Books: Cultural Heritage – West Midlands Metropolitan	Volume 5 Map Books: Water Resources – Euston and London Metropolitan
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Bus and/or coach stops	Existing or proposed stop locations available for HS2 rail passengers within the vicinity of proposed HS2 Phase One stations.	High Speed Two (HS2) Ltd	
Car parks	Existing or proposed car parking spaces within the vicinity of station for potential rail passengers.	High Speed Two (HS2) Ltd	
Community Forum boundary	The Environmental Statement has been split into 26 sections called Community Forum Areas.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Construction Significant Effects: Adverse-permanent Adverse-temporary Beneficial-temporary Beneficial-permanent	Adverse – deterioration in existing conditions as a result of the Proposed Scheme Beneficial – improvement of existing conditions as a result of the Proposed Scheme Permanent – permanent change as a result of the Proposed Scheme Temporary – temporary change as a result of the Proposed Scheme (likely within construction phase of scheme).	High Speed Two (HS2) Ltd	
Construction traffic routes	Public highways which may be used for HGV construction traffic.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Cycle parking	Location of proposed cycle parking provision at HS2 Phase One stations.	High Speed Two (HS2) Ltd	
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
HS2 engineering design	Outline of proposed realigned highways and bridges.	High Speed Two (HS2) Ltd	
Kiss and ride	Area located within the vicinity of proposed HS2 Phase One station for private vehicle drop-off/pick-up of rail passengers.	High Speed Two (HS2) Ltd	
Land potentially required during construction	Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works.	High Speed Two (HS2) Ltd	
Link to classic rail	Link from high-speed rail services to classic rail services.	High Speed Two (HS2) Ltd	
Operational Significant Effects: Adverse-permanent Adverse-temporary Beneficial-temporary Beneficial-permanent	Adverse – deterioration in existing conditions as a result of the Proposed Scheme Beneficial – improvement of existing conditions as a result of the Proposed Scheme Permanent – permanent change as a result of the Proposed Scheme, effects can be for 2026, 2041 or both operational assessment years. Temporary – temporary change as a result of the Proposed Scheme.	High Speed Two (HS2) Ltd	
Pedestrian and cycle links	Existing and proposed pedestrian and cycling infrastructure in the vicinity of proposed stations, available to passengers.	High Speed Two (HS2) Ltd	
Potential bus links	Potential bus infrastructure and links to bus services in the vicinity of Proposed Scheme.	High Speed Two (HS2) Ltd	
Route in tunnel Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Significant effect reference	Identifier code for transport-related residual significant effects, including: SMR category of effect, CFA the effect is located within, individual identification number, whether the significant effect is major, moderate or minor (Significance Criteria Technical Note) and which operational year the effect is predicted.	High Speed Two (HS2) Ltd	
Station access points	Pedestrian access points (entrances/exits) within proposed HS2 Phase One station buildings.	High Speed Two (HS2) Ltd	
Taxi ranks	Location of proposed taxi ranks at HS2 Phase One stations.	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Water body	Based on Ordnance Survey Vector Map District.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Watercourse	The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales.	Environment Agency	Contains Environment Agency information © Environment Agency and database right.
Woodland	Woodland areas derived from Ordnance Survey mastermap data.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

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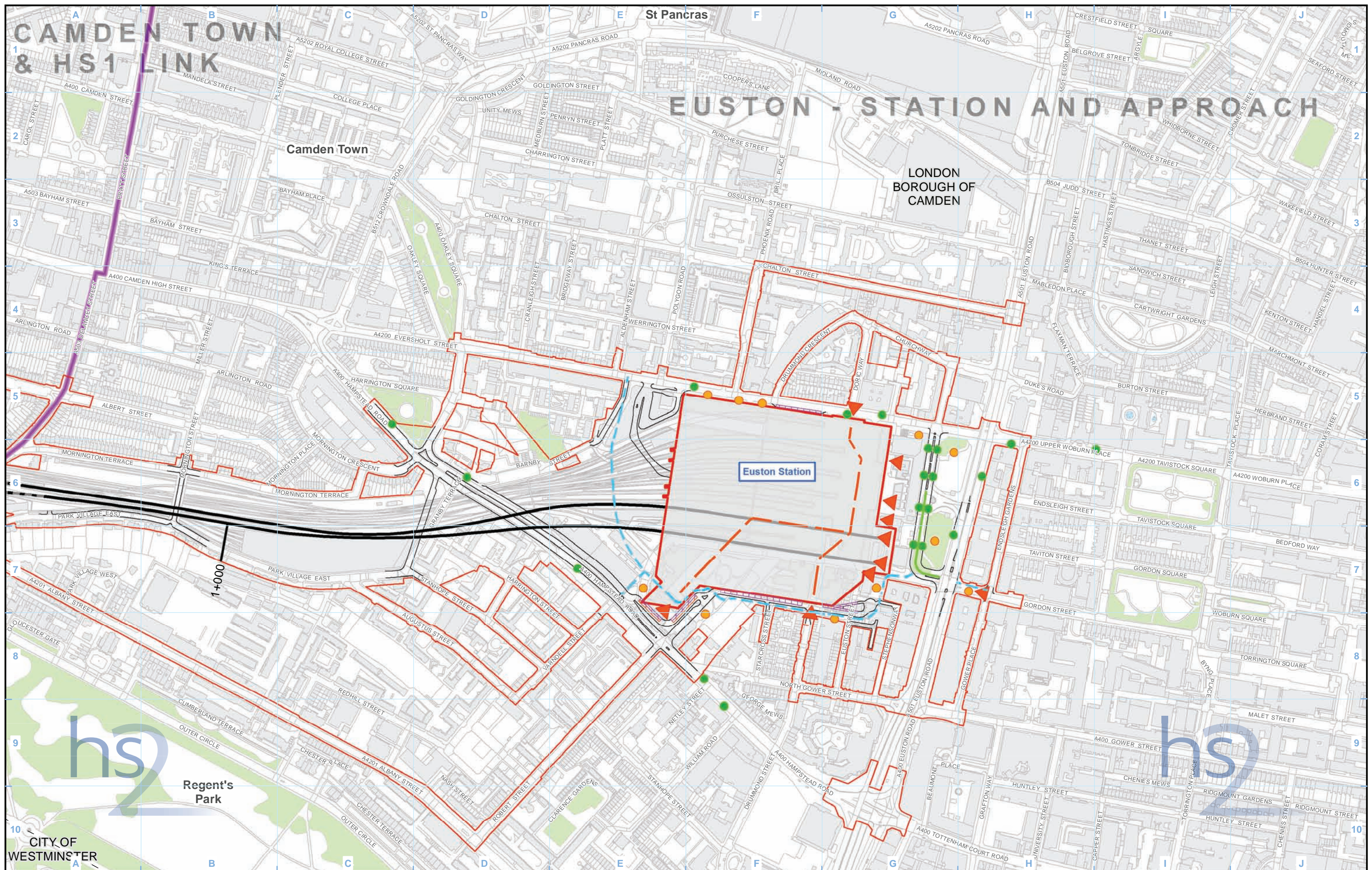
LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA1 | Euston - Station and Approach

TR-01 - Station Impacts (Operational)

TR-03 - Significant Residual Transport Effects Arising during Construction
and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



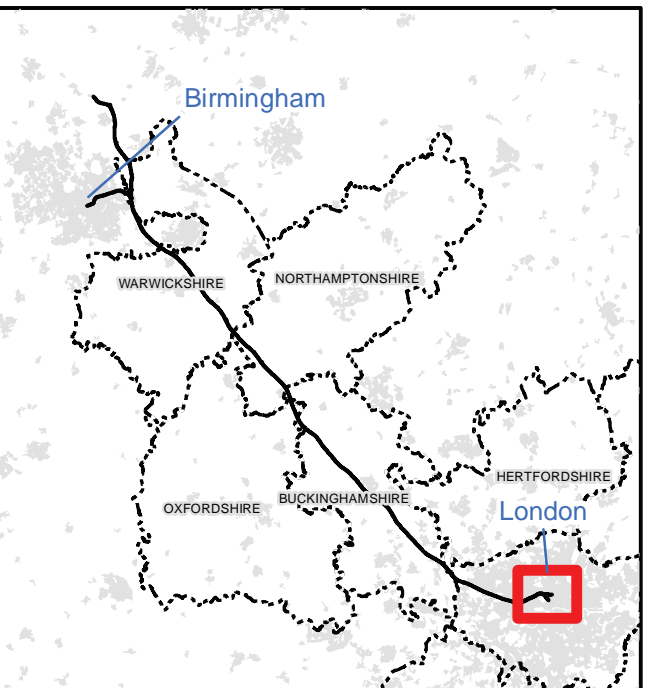
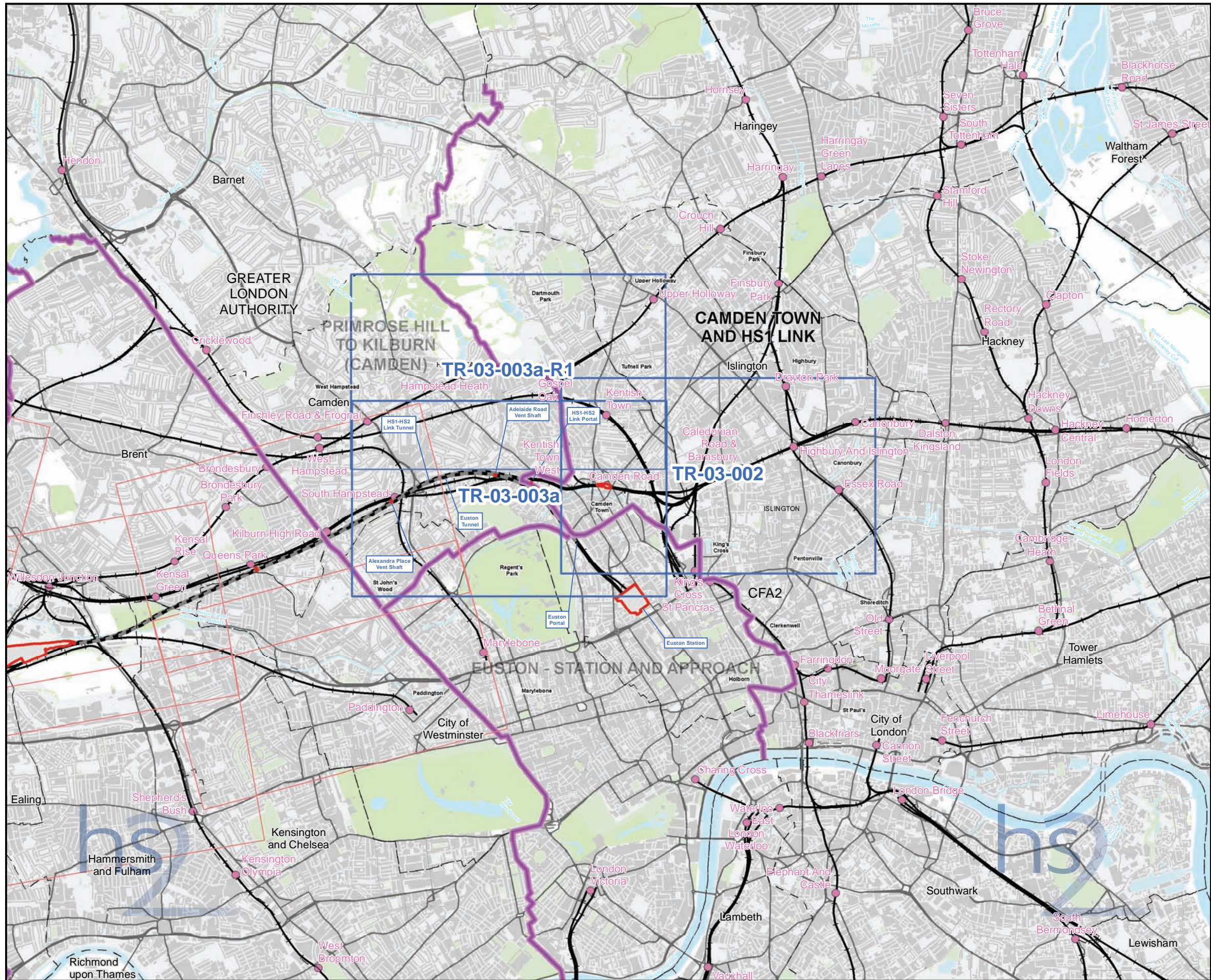
Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingLand potentially required during constructionCommunity forum boundaryCounty boundaryDistrict/Borough boundaryWatercourseWater bodyWoodlandHS2 engineering designCycle parkingBus and or coach stopsStation access pointsPotential bus linksLink to classic railPedestrian and cycle linksTaxi ranksKiss and rideCar parks	Map Number TR-01-001 Map Name Station Impacts (Operations) Community Forum Area CFA1: Euston - Station and Approach	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</p> <p>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C220-ARP-EV-MAP-01A-110001 P06.00 Date: 31/10/13</p> <p>Scale at A3: 1:5,000</p>
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA2 | Camden Town and HS1 Link

TR-03 - Significant Residual Transport Effects Arising during Construction
and Construction Lorry Routes

TR-04 - Operational Residual Significant Transport Effects



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main Aroad/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

Main Map Legend	
Route in tunnel	Map sheets included in this community forum
Route on surface	Mask - Map sheets not included in this community forum
Depot, station, headhouse or portal building	
Community forum boundary	
Existing railway station	
County boundary	
District/Borough boundary	

Map Number	TR-03-INDEX-CFA2
Map Name	Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes Community Forum Area CFA2: Camden Town & HS1 Link

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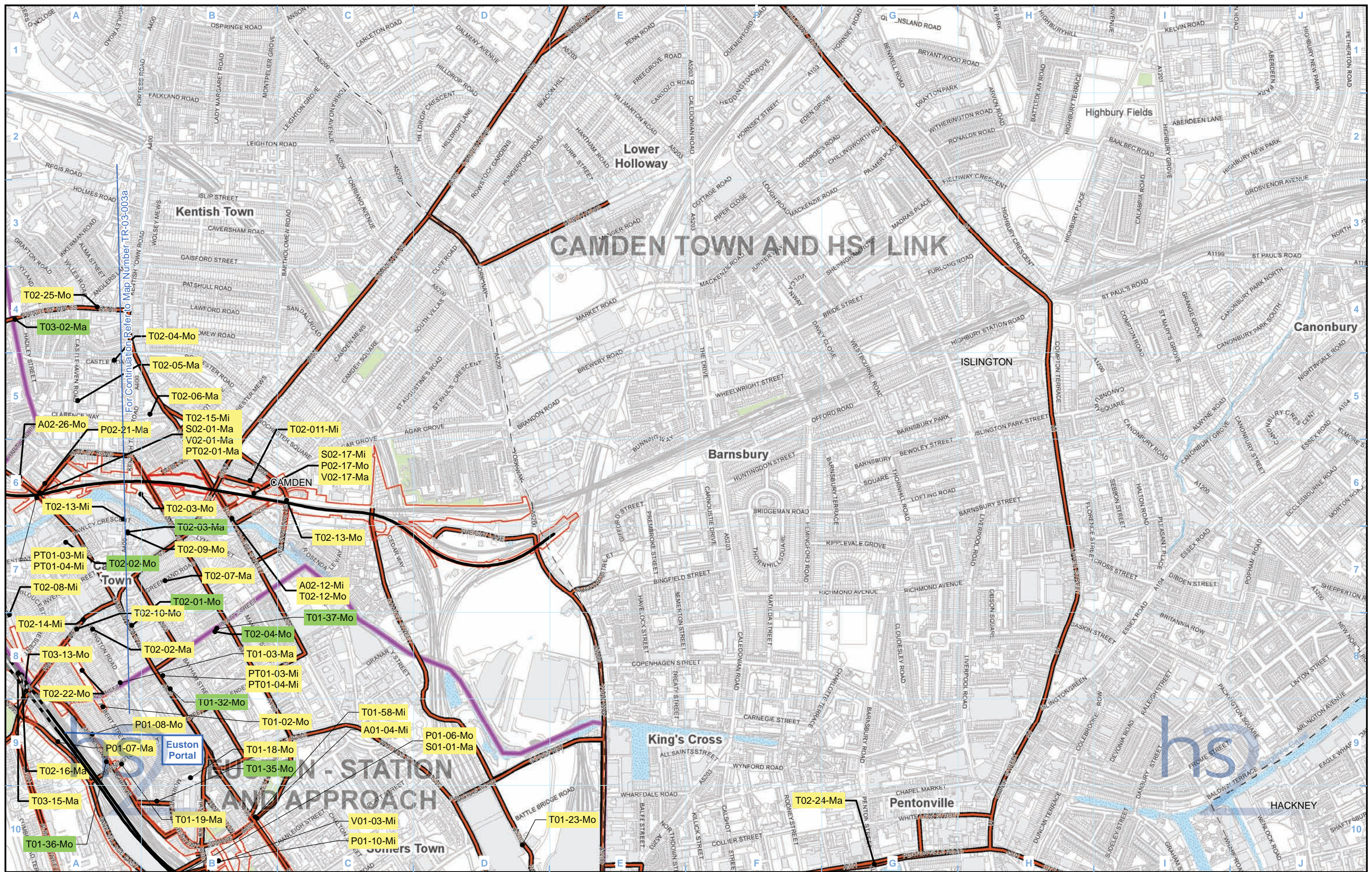
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Metres

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Doc Number: C221-MMD-EV-MAP-010-803002-P01

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-002

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA2: Camden Town and Hs1 Link

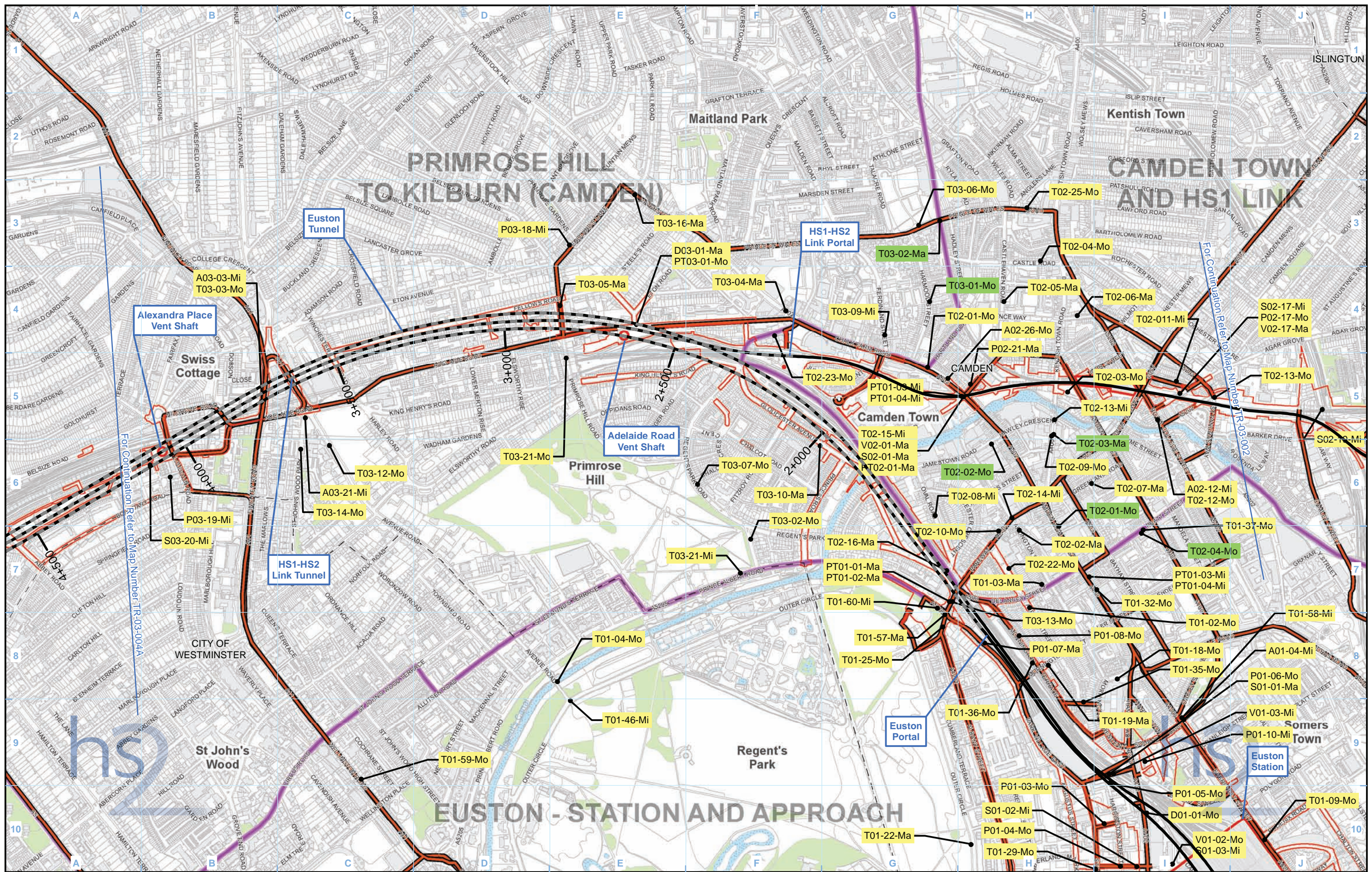
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Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-003a

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA2: Camden Town and HS1 Link

hs2

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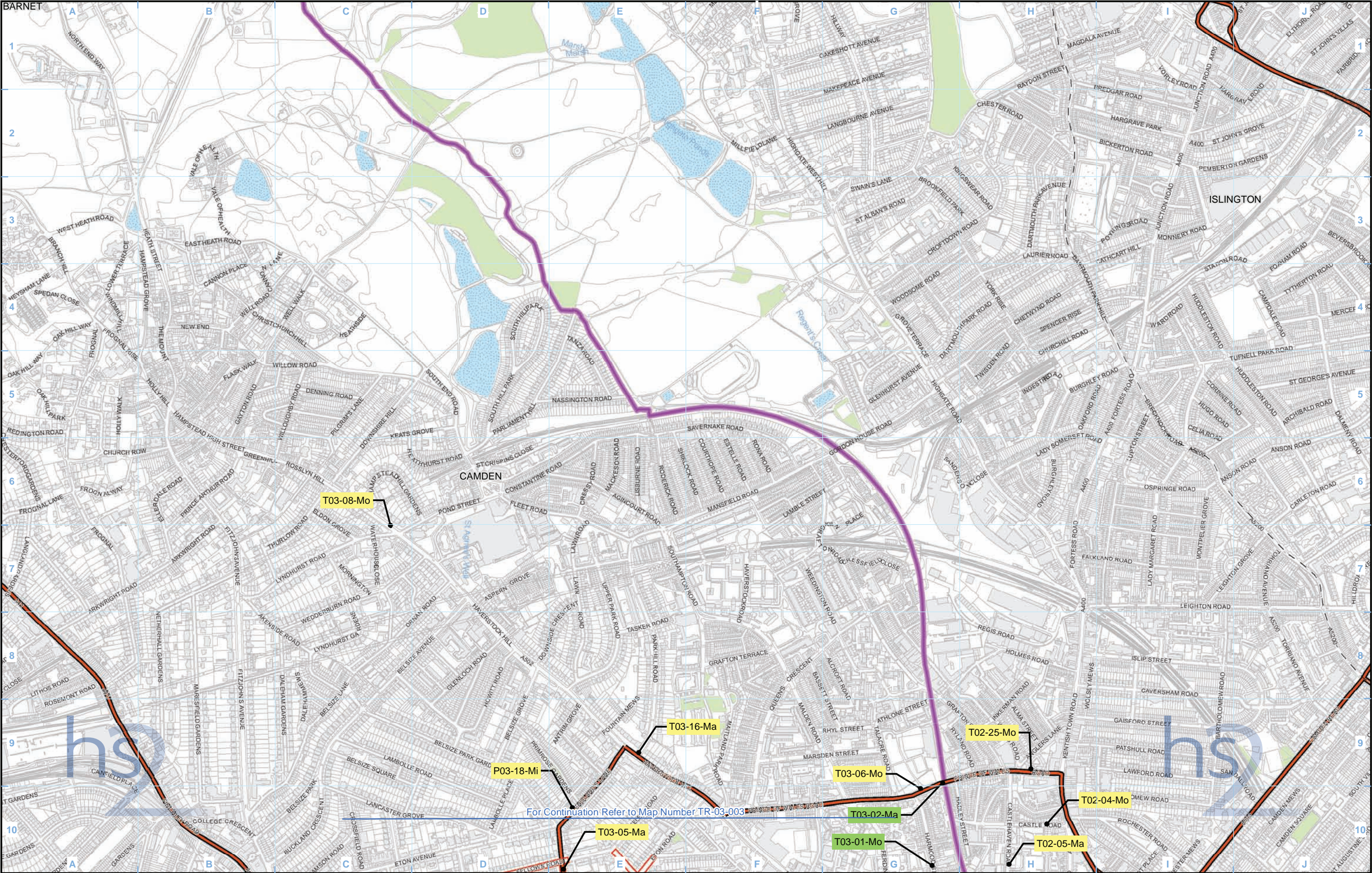
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Scale at A3: 1:10,000

0 100 200 300 400 Metres

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction traffic routes

Significant effects reference

PT24-01-Ma

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-003a-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA2: Camden Town and HS1 Link

hs2

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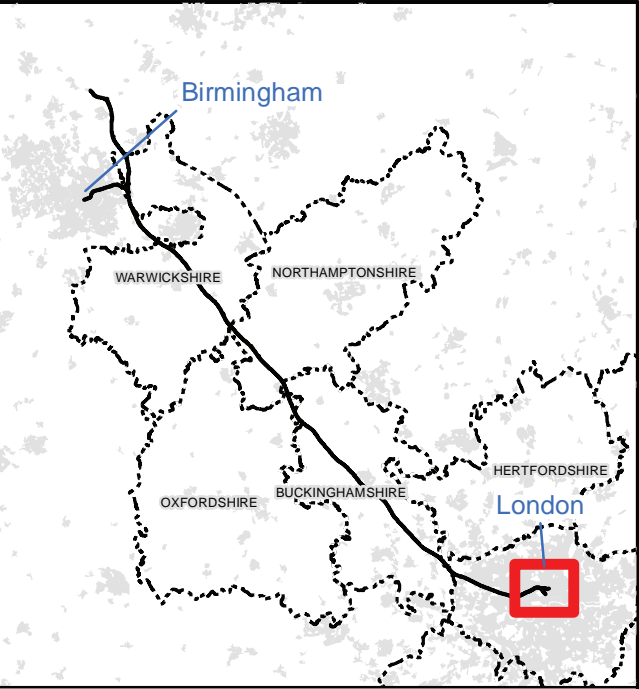
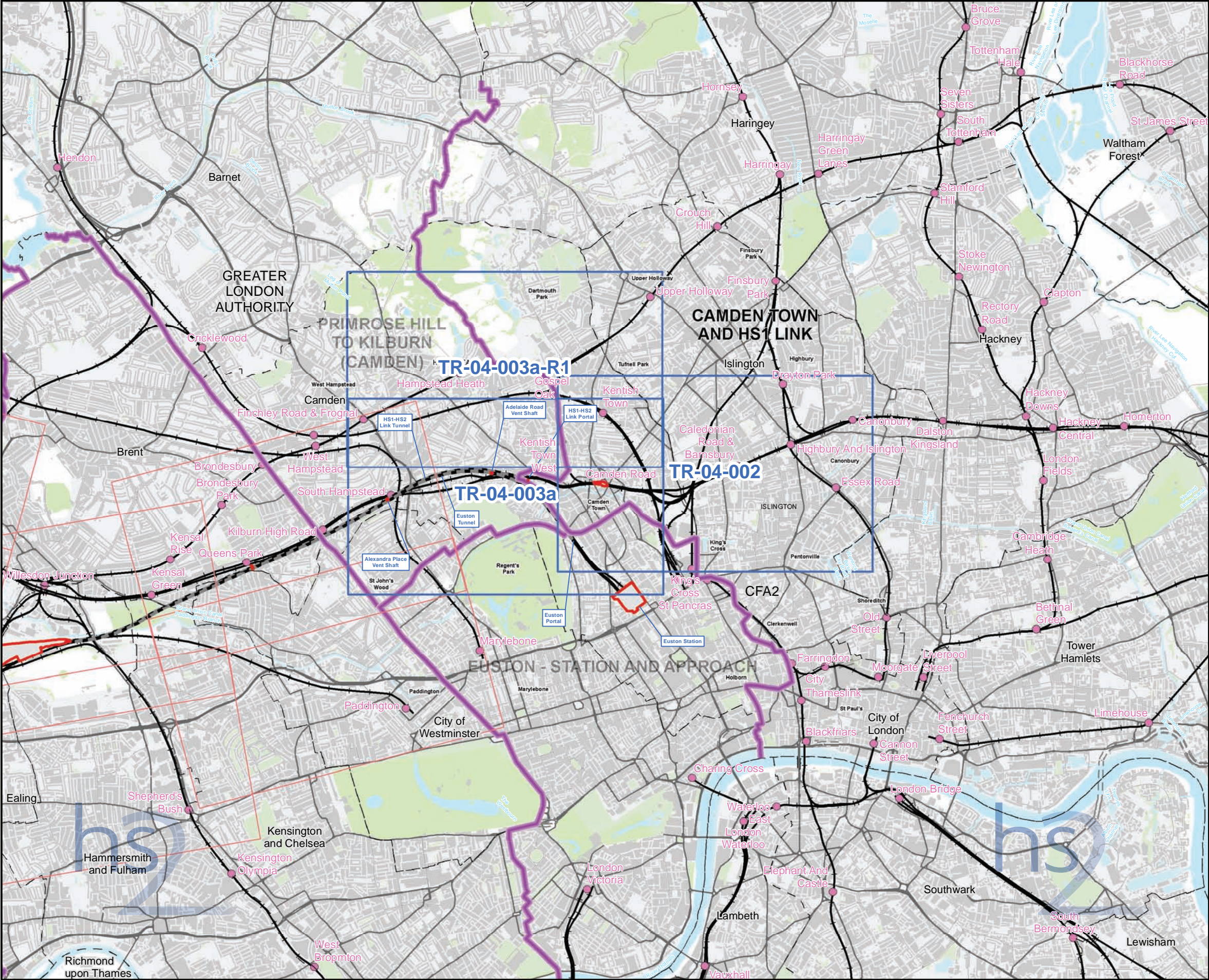
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Date: 29/10/13



Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary
 - Map sheets included in this community forum
 - Mask - Map sheets not included in this community forum

Map Number TR-04-INDEX-CFA2

Map Name Index Map of:
Significant Residual Transport Effects

Community Forum Area CFA2:
Camden Town & HS1 Link

hs2

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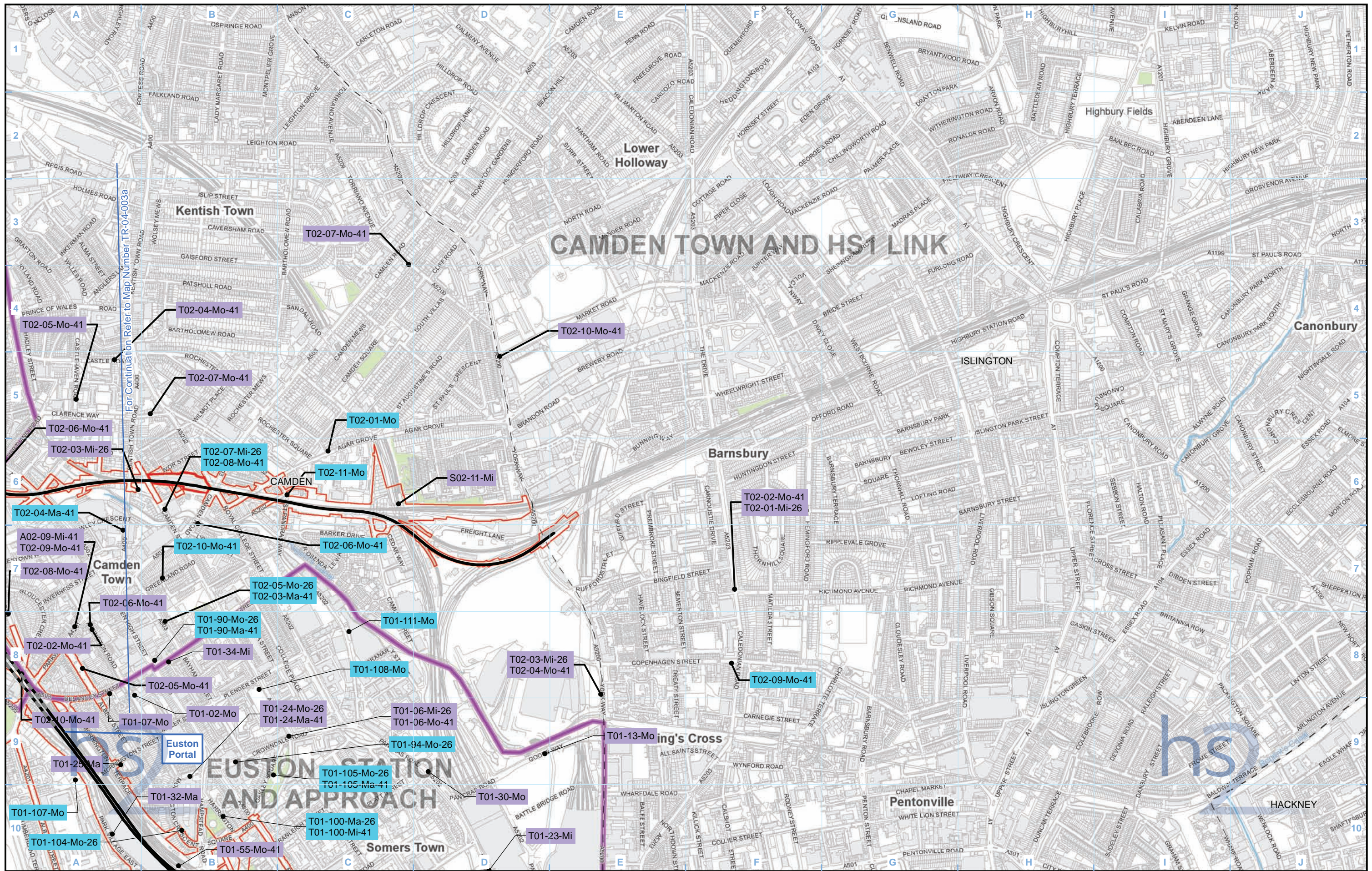
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Metres

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Date: 29/10/13



Legend

		Operational significant effects
		Adverse-permanent
		Adverse-temporary
		Beneficial-temporary
		Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-002

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA2: Camden Town and Hs1 Link

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place,
London SW1E 5DU.

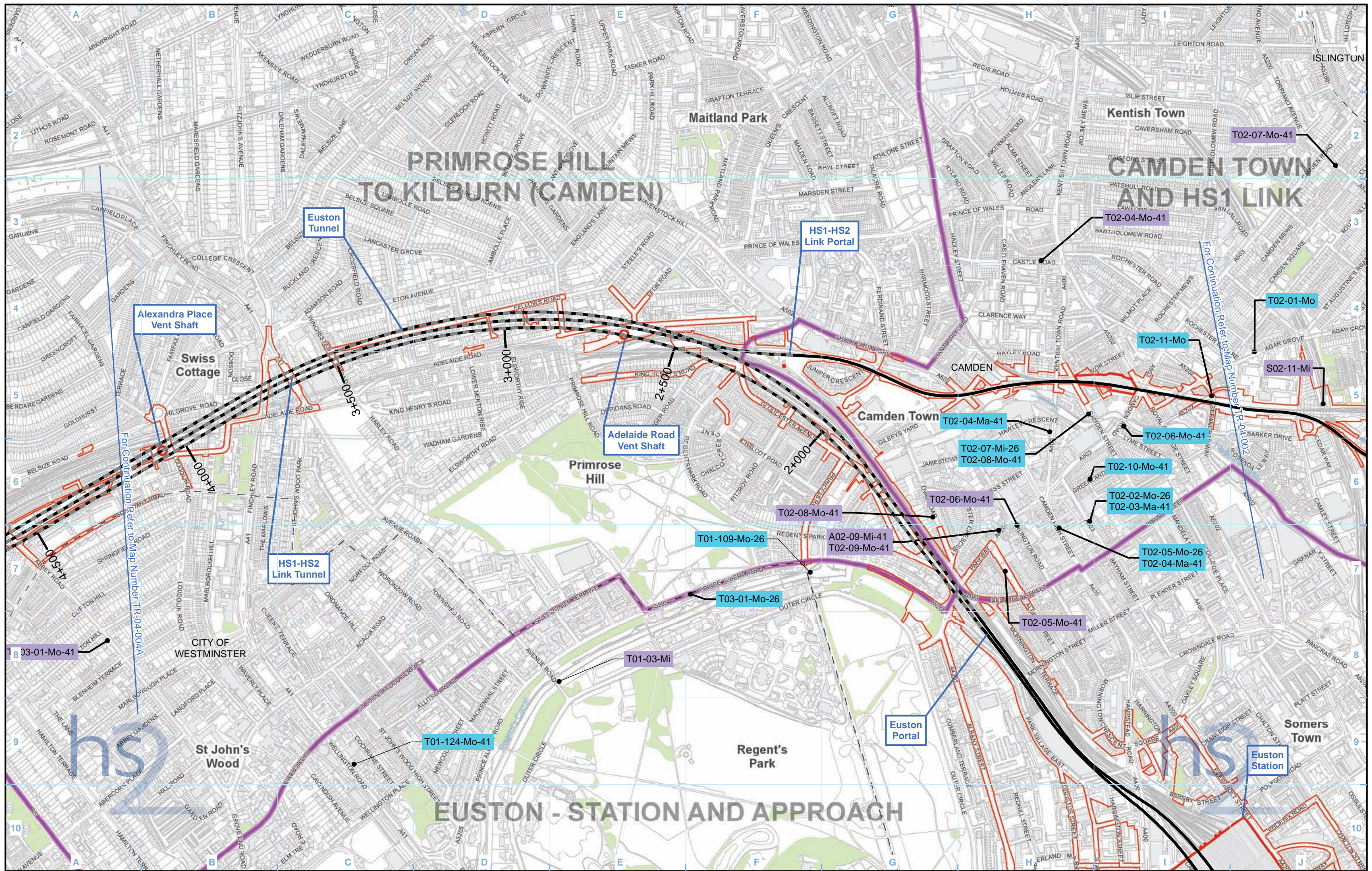
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0 100 200 300 400 Metres

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Doc Number: C221-MMD-EV-MAP-010-804020-P05

Date: 30/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Operational significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-003a

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA2:

Camden Town and HS1 Link

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Doc Number: C221-MMD-EV-MAP-010-804030-P05

Scale at A3: 1:10,000

Date: 30/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-003a-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA2: Camden Town and HS1 Link

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Scale at A3: 1:10,000

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Date: 30/10/13

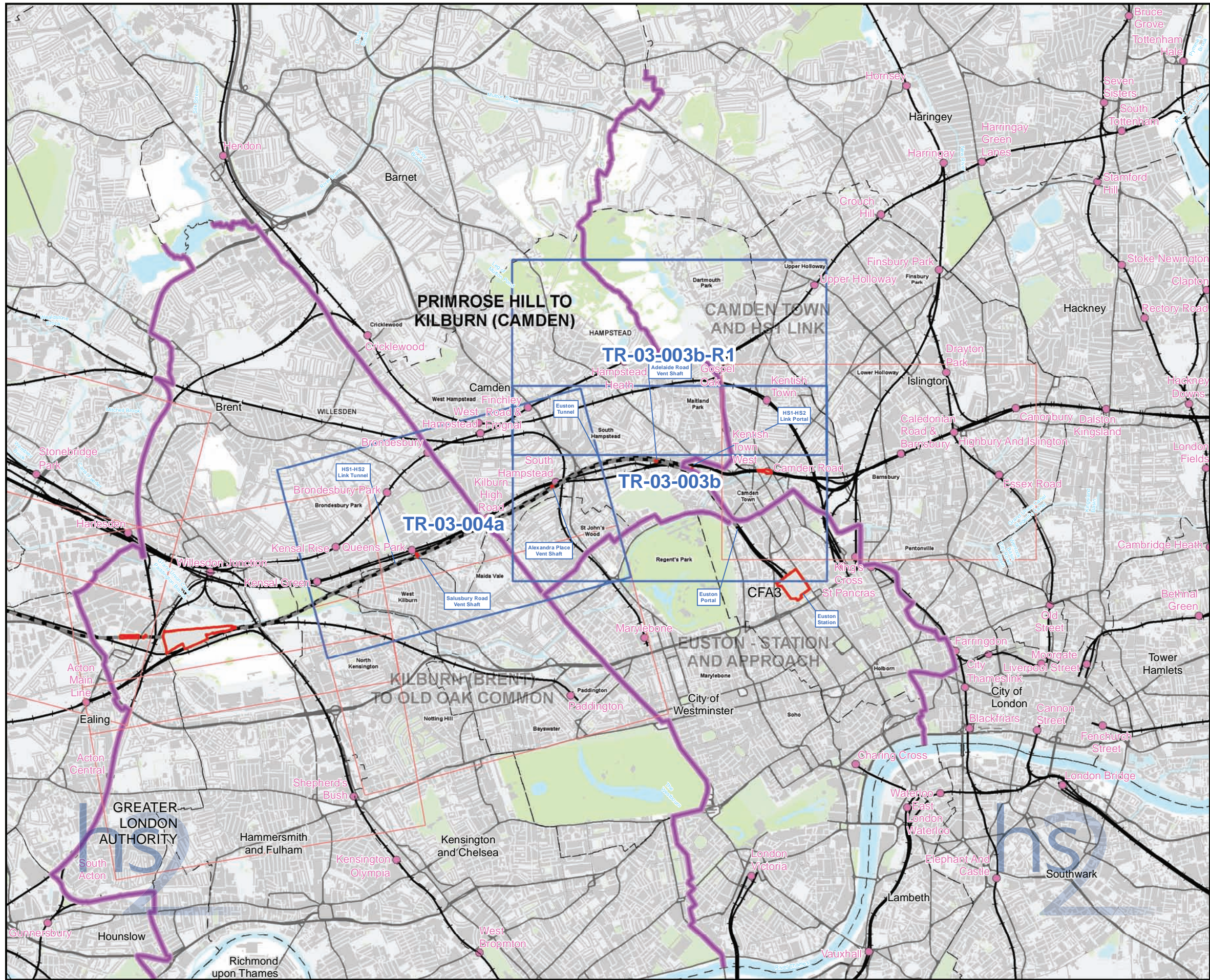
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA3 | Primrose Hill to Camden (Kilburn)

TR-03 - Significant Residual Transport Effects Arising during Construction
and Construction Lorry Routes

TR-04 - Operational Residual Significant Transport Effects



Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Mask - Map sheets not included in this community forum

Greater London Authority

HS2

Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main Aroad/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

Map Number

TR-03-INDEX-CFA3

Map Name

Index Map of:
Significant Residual Transport Effects
Arising during Construction and
Construction Lorry Routes
Community Forum Area CFA3:
Primrose Hill to Kilburn (Camden)

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Scale at A3: 1:50,000

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1,500

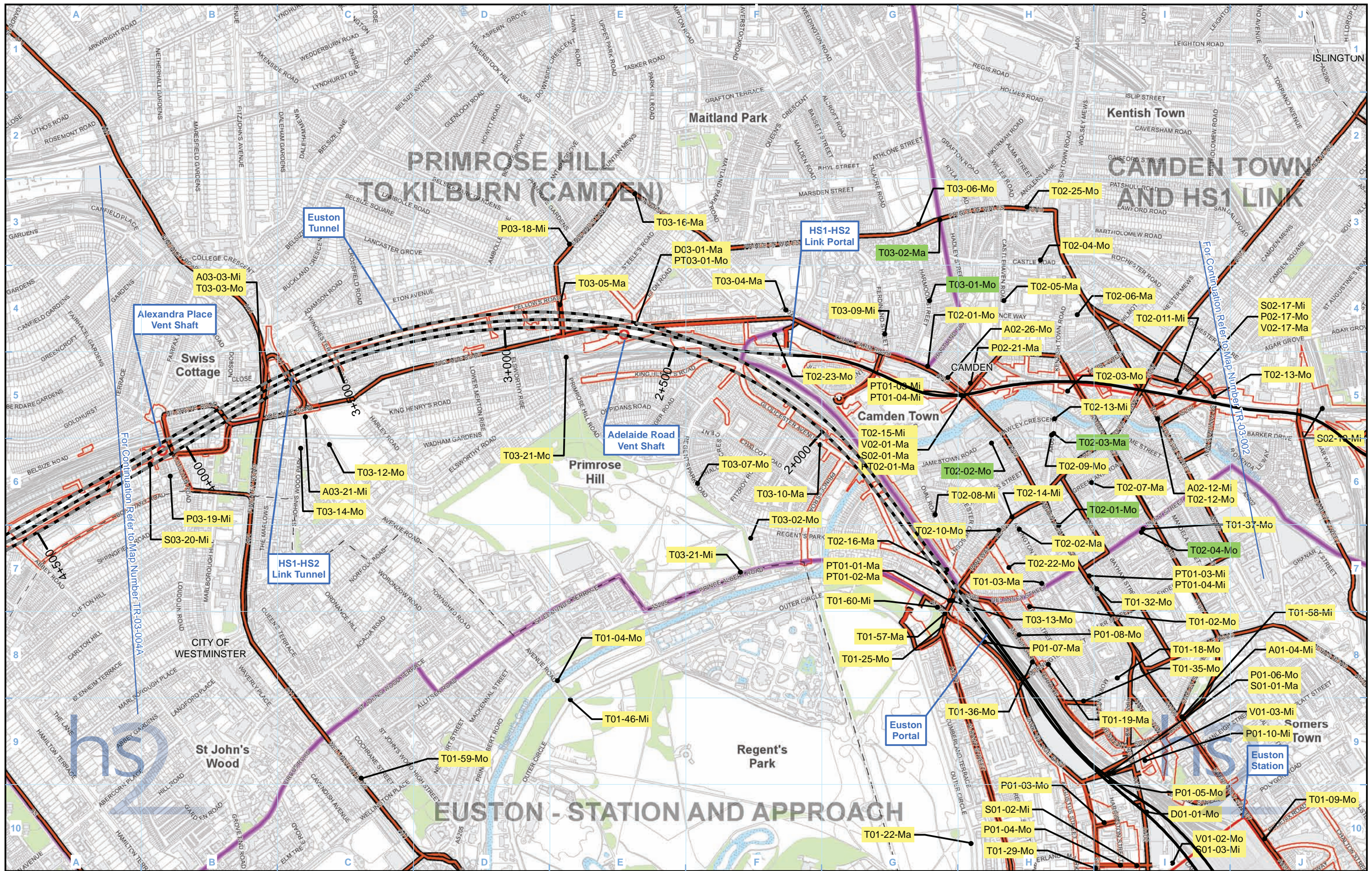
2,000

Metres

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Doc Number: C221-MMD-EV-MAP-010-803003-P01

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-003b

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA3: Primrose Hill to Kilburn (Camden)

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Scale at A3: 1:10,000

Doc Number: C221-MMD-EV-MAP-010-803032-P05

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Construction significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent
 - Construction traffic routes

Significant effects reference
PT24-01-Ma

Effect Level
Feature Number
CFA Number
Identifier - see across

Construction effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
T - Traffic flows and delays to vehicle occupants
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Map Number
TR-03-003b-R1

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA3:
Primrose Hill to Kilburn (Camden)

hs2

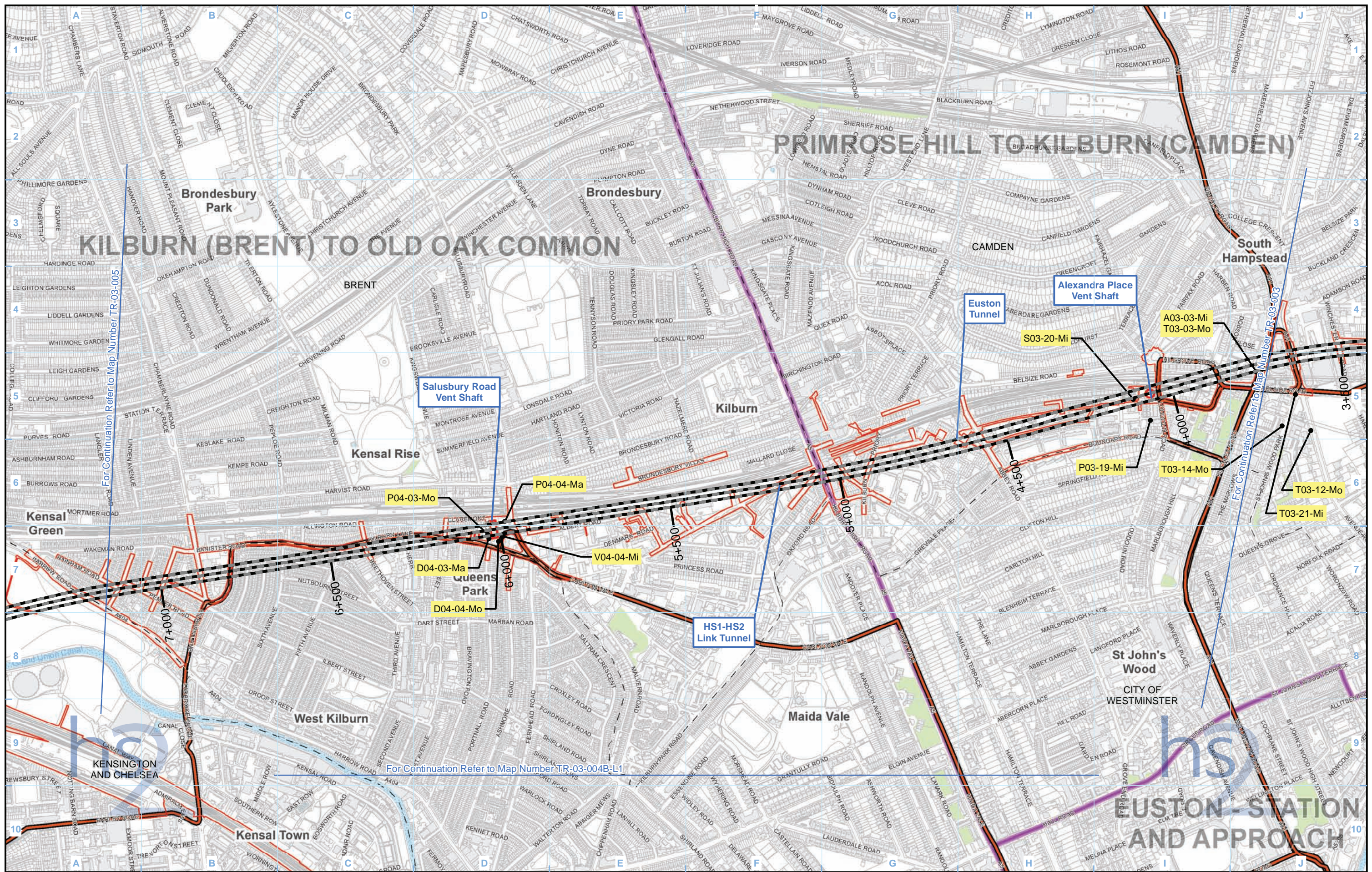
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Scale at A3: 1:10,000

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Doc Number: C221-MMD-EV-MAP-010-803033-P05

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Construction significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent
 - Construction traffic routes
- Significant effects reference
 - PT24-01-Ma
 - Effect Level
 - Feature Number
 - CFA Number
 - Identifier - see across
- Construction effects identifiers:
 - PT - Public transport delay
 - D - Disruption at stations / interchanges
 - T - Traffic flows and delays to vehicle occupants
 - P - Parking and loading
 - V - Vulnerable road user delays, amenity and ambience
 - A - Accidents and safety
 - S - Severance
 - W - Waterways
- Effect level:
 - Mi - Minor
 - Mo - Moderate
 - Ma - Major

Map Number: TR-03-004a

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA3: Primrose Hill to Kilburn (Camden)

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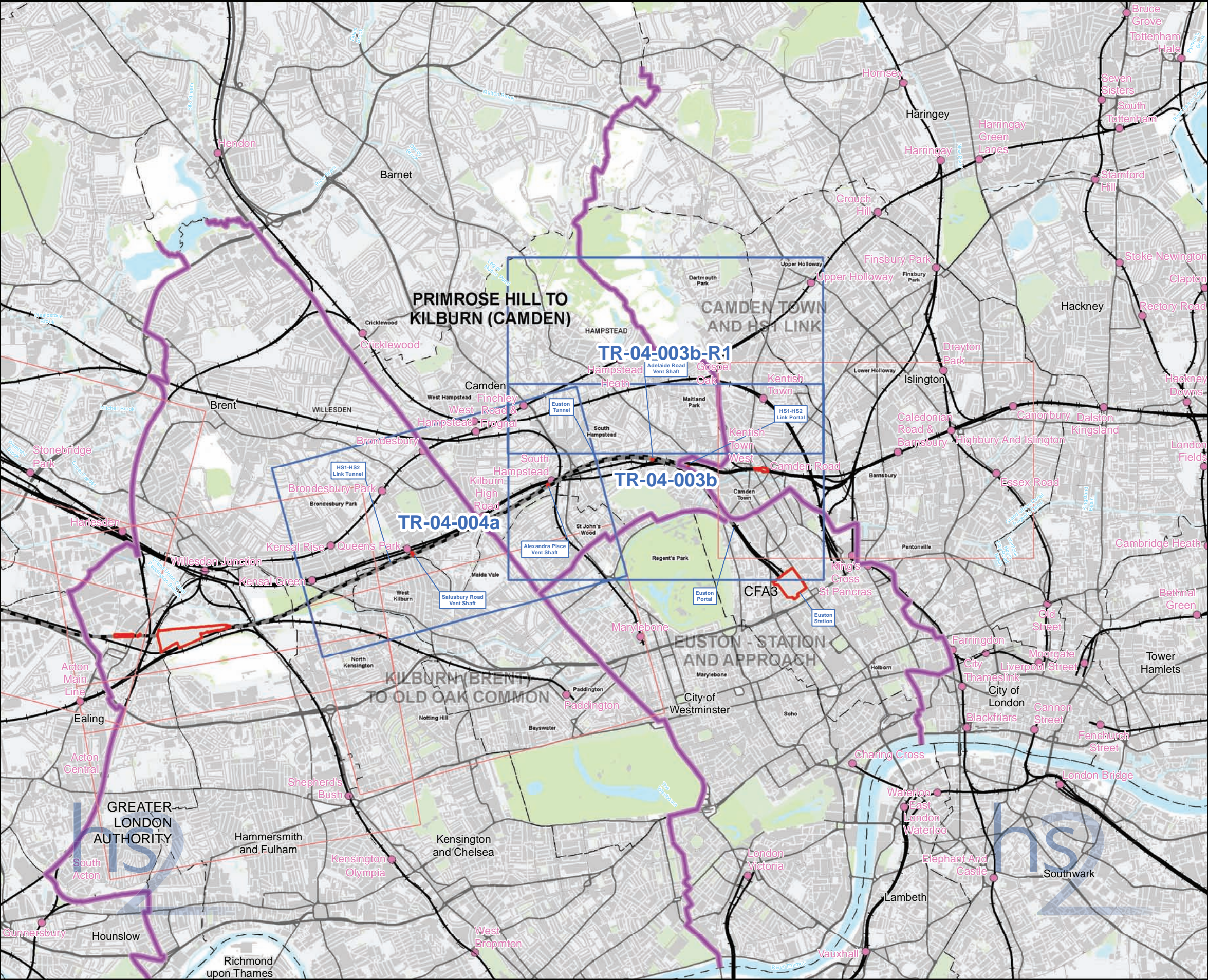
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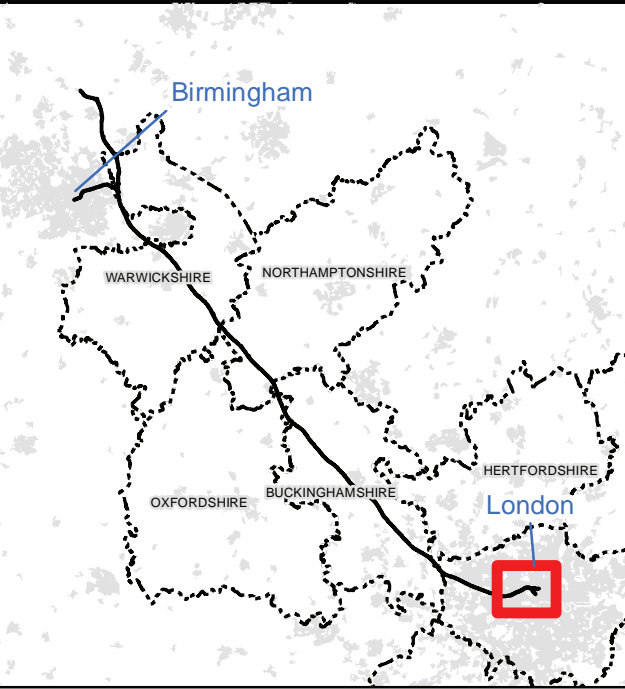


- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary
 - Map sheets included in this community forum
 - Mask - Map sheets not included in this community forum

Map Number **TR-04-INDEX-CFA3**

Map Name **Index Map of:
Significant Residual Transport
Effects**


**Community Forum Area CFA3:
Primrose Hill to Kilburn (Camden)**



Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Note: Not all data layers in the legend are represented on every map.




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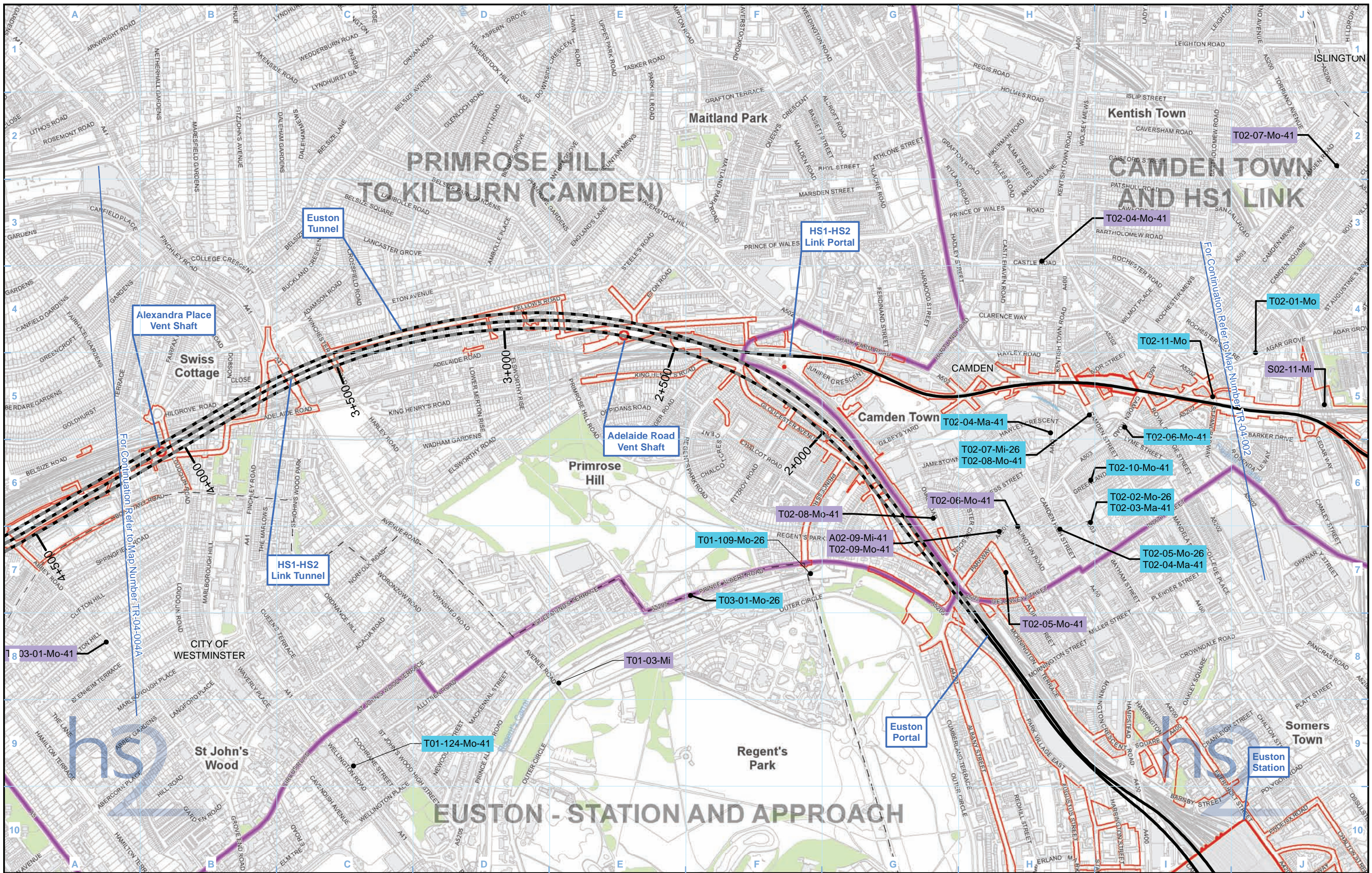
Doc Number: C221-MMD-EV-MAP-010-804003-P01



Scale at A3: 1:50,000

0 500 1,000 1,500 2,000
Metres

Date: 29/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-003b

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA3: Primrose Hill to Kilburn (Camden)

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Doc Number: C221-MMD-EV-MAP-010-804032-P05

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Date: 30/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-003b-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA3: Primrose Hill to Kilburn (Camden)

hs2

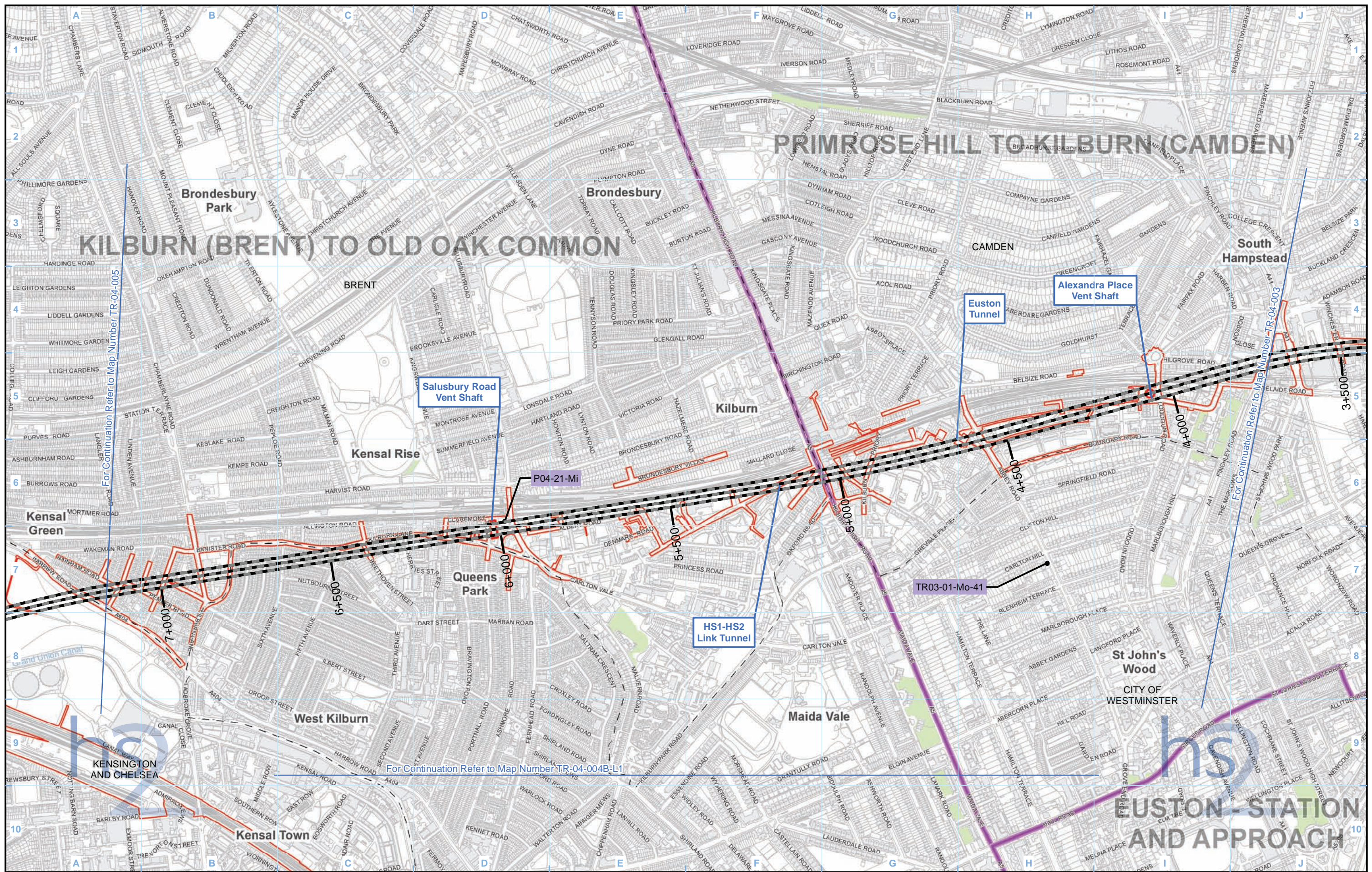
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Doc Number: C221-MMD-EV-MAP-010-804033-P05

Date: 30/10/13



Legend

		Operational significant effects

Significant effects reference
PT24-01-Mi-26

Forecast Year
Effect Level
Feature Number
CFA Number
Identifier - see across

Operational effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
T - Traffic flows and delays to vehicle occupants
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Forecast year:
26 - Significant effect in 2026
41 - Significant effect in 2041
Missing - Significant effect in both forecast years

Map Number
TR-04-004a

Map Name
Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA3:
Primrose Hill to Kilburn (Camden)

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Scale at A3: 1:10,000

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Date: 30/10/13

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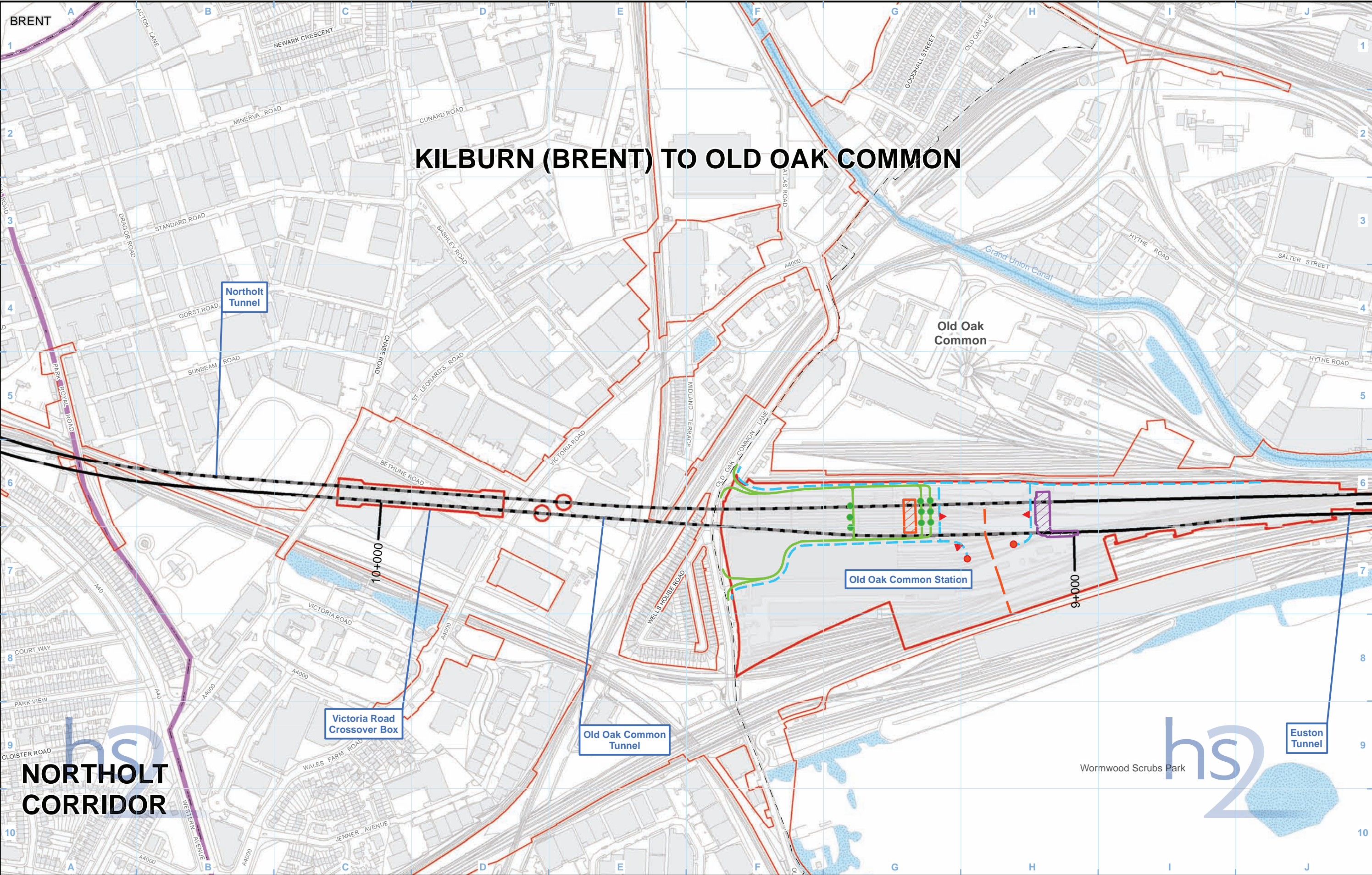
LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA₄ | Kilburn (Brent) to Old Oak Common

TR-01 - Station Impacts (Operational)

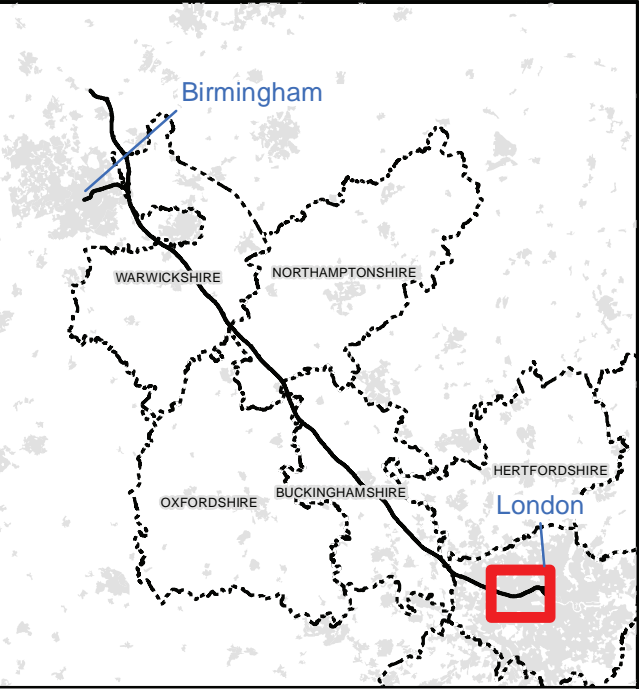
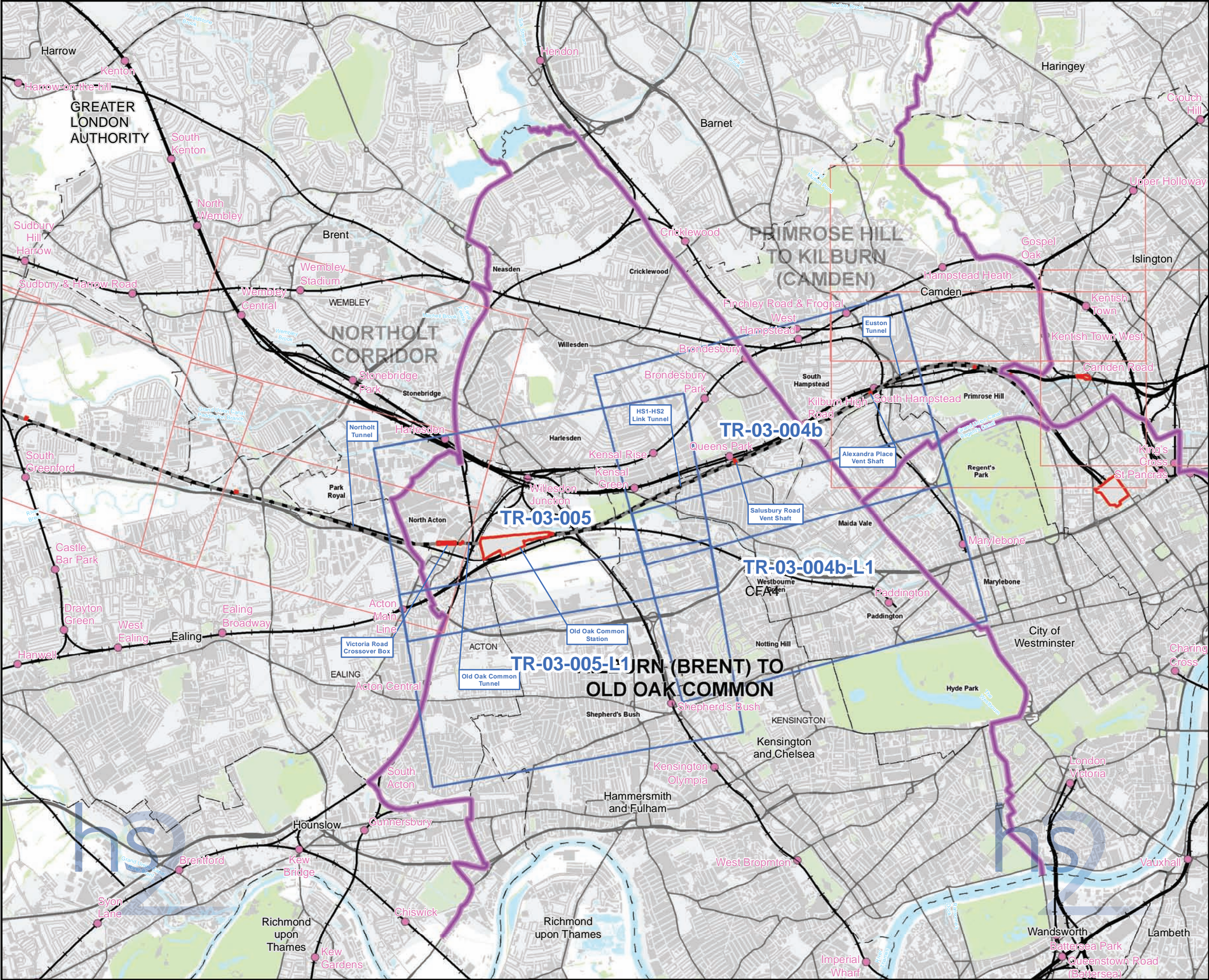
TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingLand potentially required during constructionCommunity forum boundaryCounty boundaryDistrict/Borough boundary	<ul style="list-style-type: none">WatercourseWater bodyWoodland	<ul style="list-style-type: none">Cycle parkingBus and or coach stopsStation access pointsPotential bus linksLink to classic railPedestrian and cycle links	<ul style="list-style-type: none">Taxi ranksKiss and rideCar parks
Map Number TR-01-012			
Map Name Station Impacts (Operations)			
Community Forum Area CFA4: Kilburn (Brent) to Old Oak Common			
hs2 Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.		Scale at A3: 1:5,000 0 50 100 150 200 Metres	
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Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main Aroad/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Mask - Map sheets not included in this community forum

Map Number: **TR-03-INDEX-CFA4**

Map Name: **Index Map of:
Significant Residual Transport Effects
Arising during Construction and
Construction Lorry Routes**

Community Forum Area CFA4:
Kilburn (Brent) to Old Oak Common

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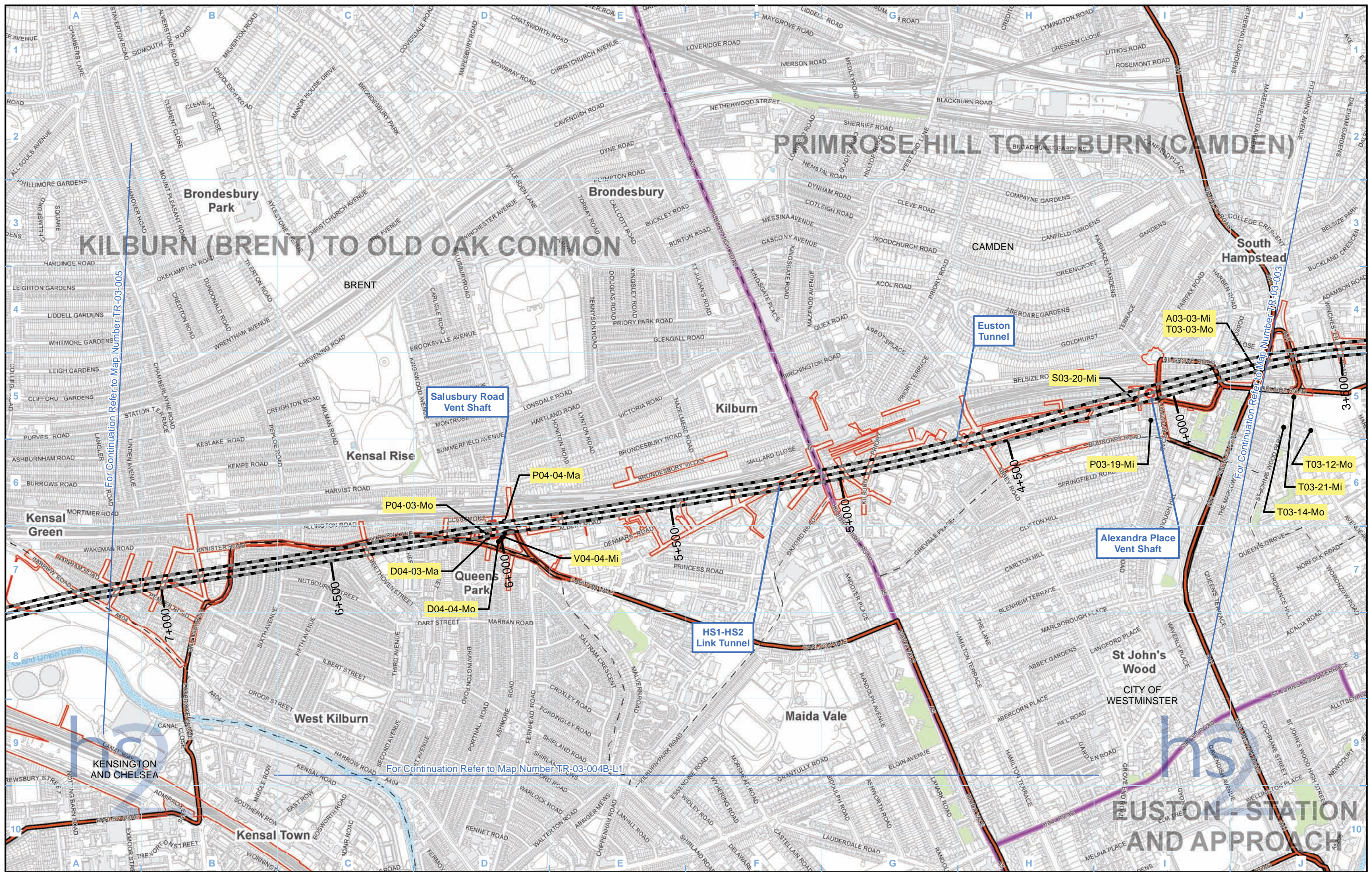
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Metres

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Doc Number: C221-MMD-EV-MAP-010-803004-P01

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Construction significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent
 - Construction traffic routes
- Significant effects reference
 - PT24-01-Ma
 - Effect Level
 - Feature Number
 - CFA Number
 - Identifier - see across
- Construction effects identifiers:
 - PT - Public transport delay
 - D - Disruption at stations / interchanges
 - T - Traffic flows and delays to vehicle occupants
 - P - Parking and loading
 - V - Vulnerable road user delays, amenity and ambience
 - A - Accidents and safety
 - S - Severance
 - W - Waterways
- Effect level:
 - Mi - Minor
 - Mo - Moderate
 - Ma - Major

Map Number: TR-03-004b

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA4: Kilburn (Brent) to Old Oak Common

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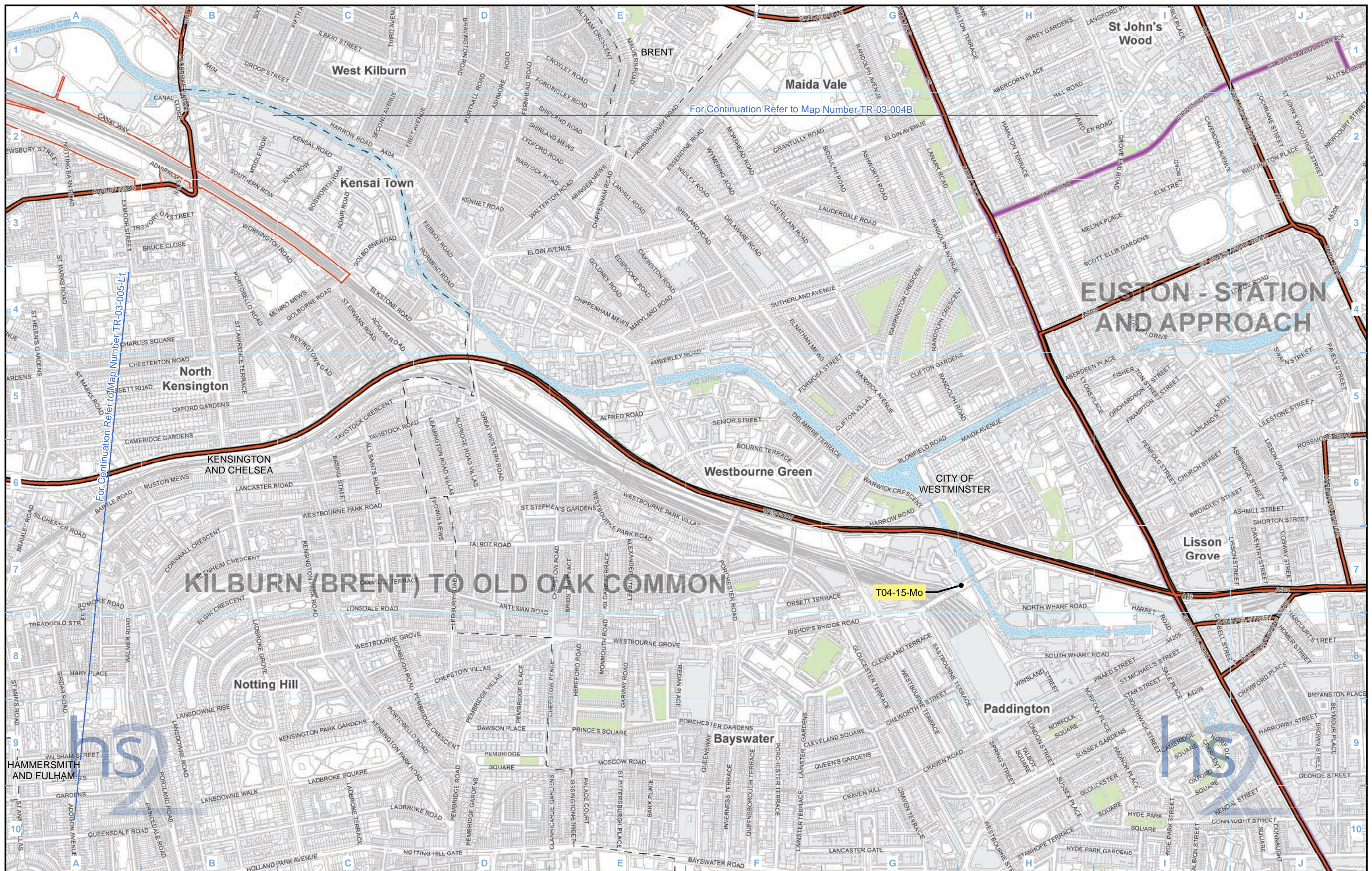
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Doc Number: C221-MMD-EV-MAP-010-803041-P05

Scale at A3: 1:10,000

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-004b-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA4: Kilburn (Brent) to Old Oak Common

hs2

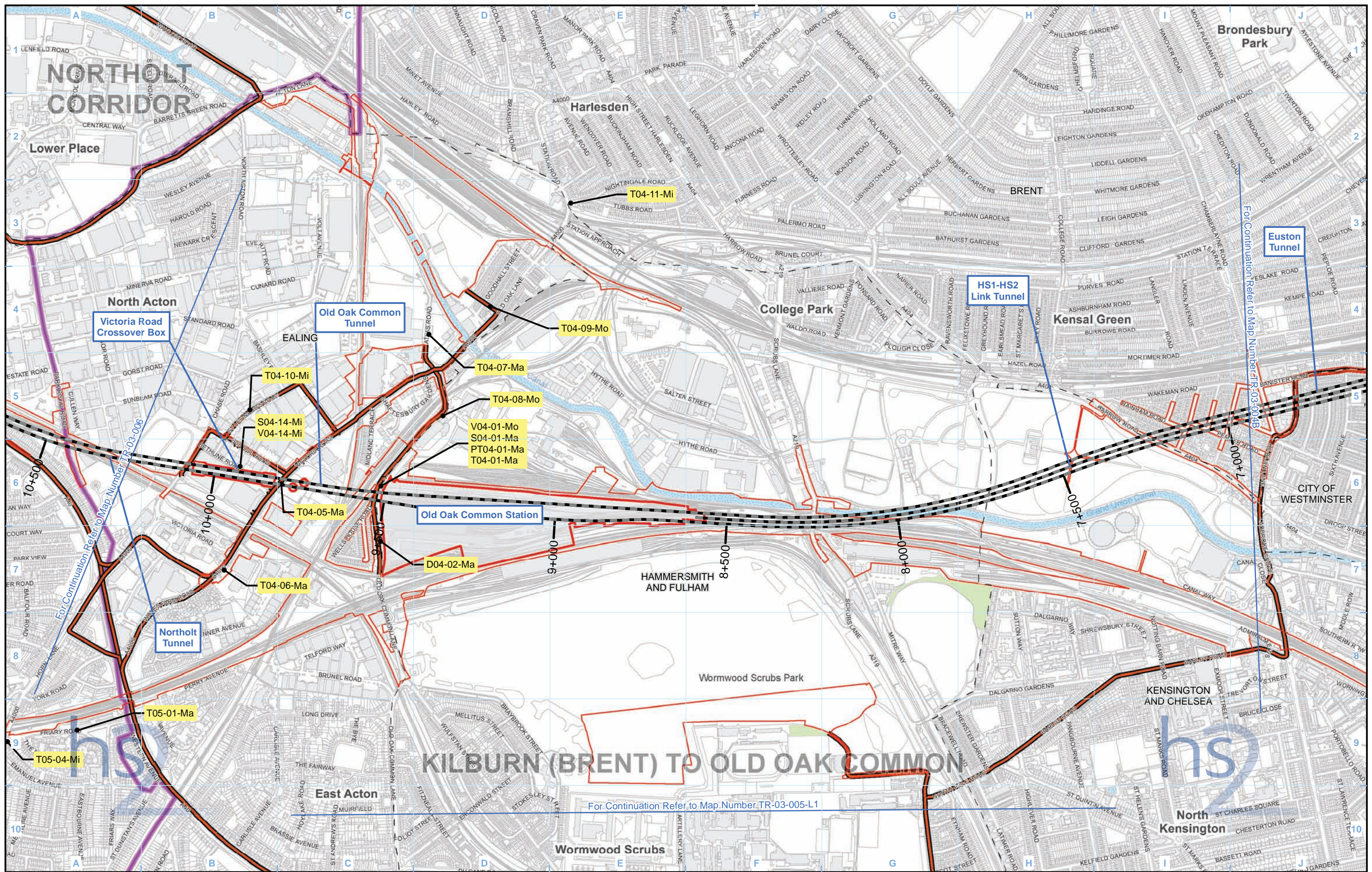
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Scale at A3: 1:10,000

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Doc Number: C221-MMD-EV-MAP-010-803042-P05

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-005

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA4: Kilburn (Brent) to Old Oak Common

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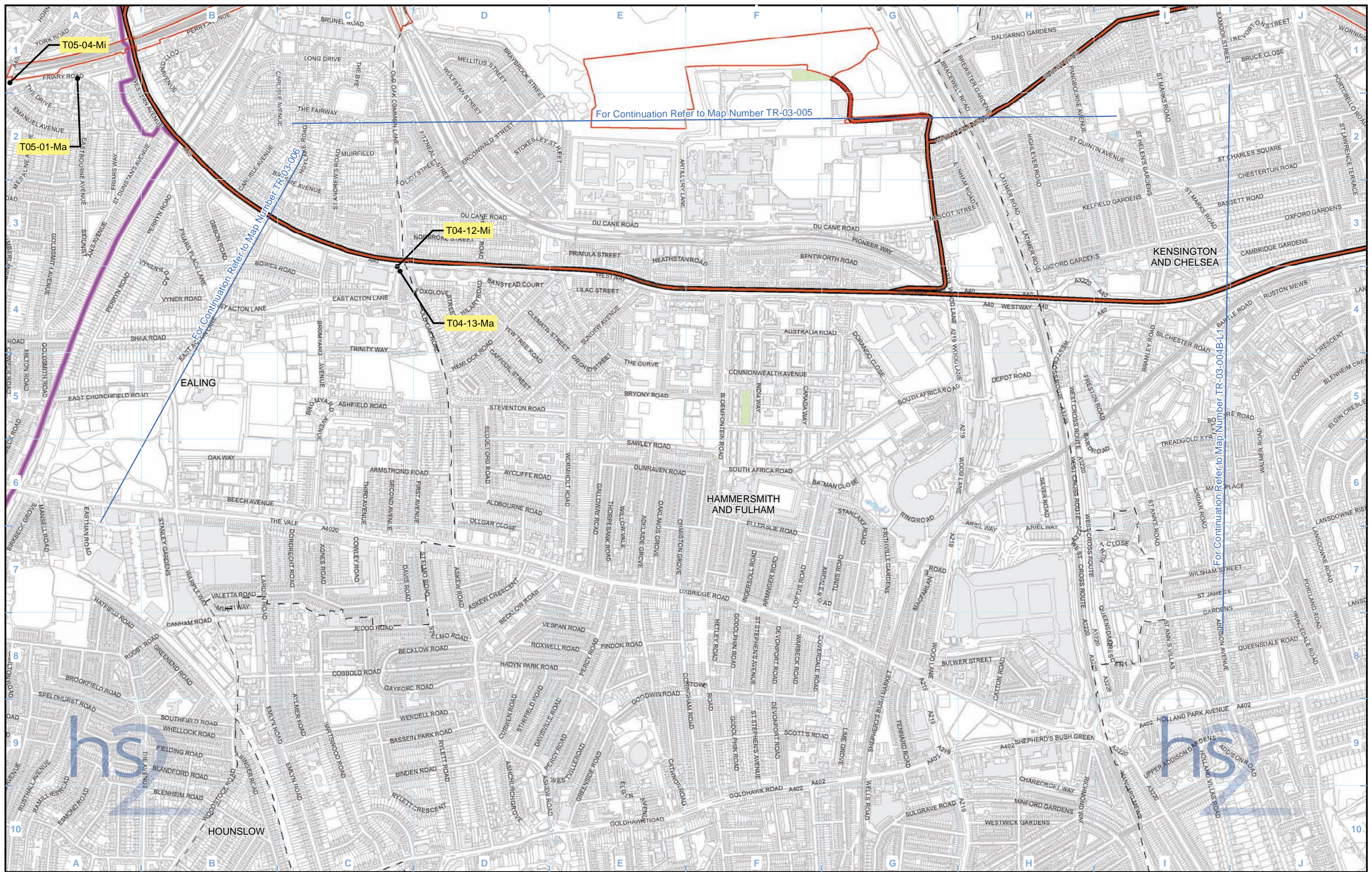
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Scale at A3: 1:10,000

Date: 29/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-005-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA4:

Kilburn (Brent) to Old Oak Common

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Doc Number: C221-MMD-EV-MAP-010-803051-P05

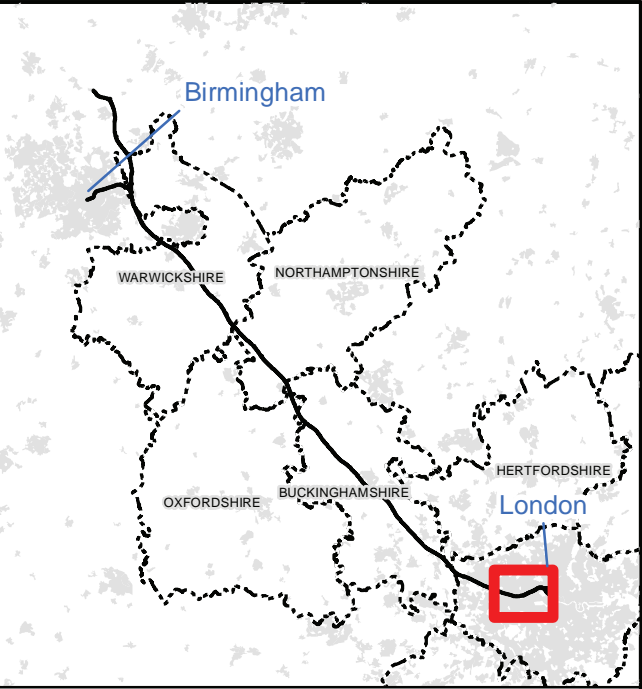
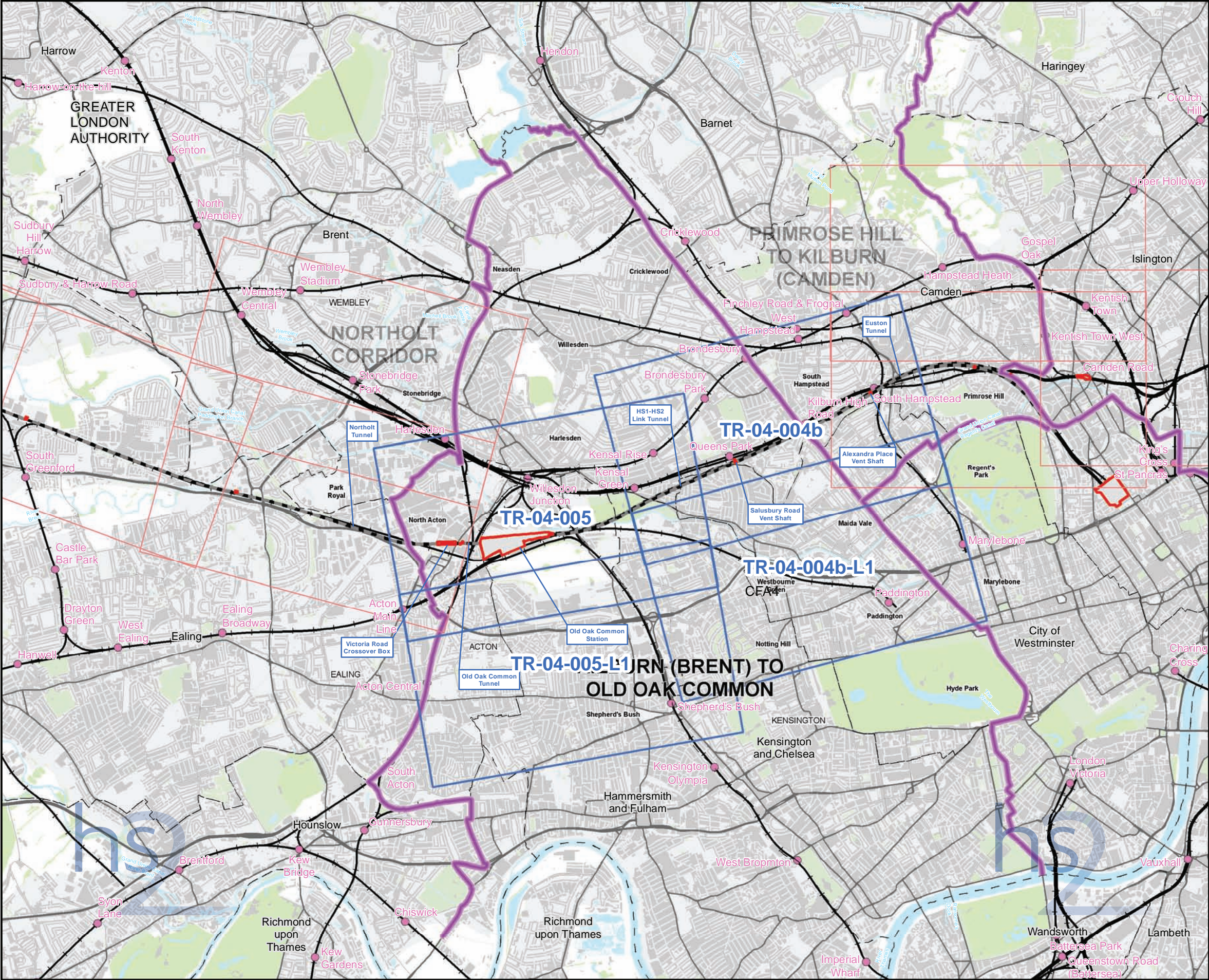
Scale at A3: 1:10,000

0 100 200 300 400

Meters

Date: 29/10/13

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Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Main Map Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Mask - Map sheets not included in this community forum

Map Number

TR-04-INDEX-CFA4

Map Name

Index Map of:
Significant Residual Transport Effects

Community Forum Area CFA4:
Kilburn (Brent) to Old Oak Common

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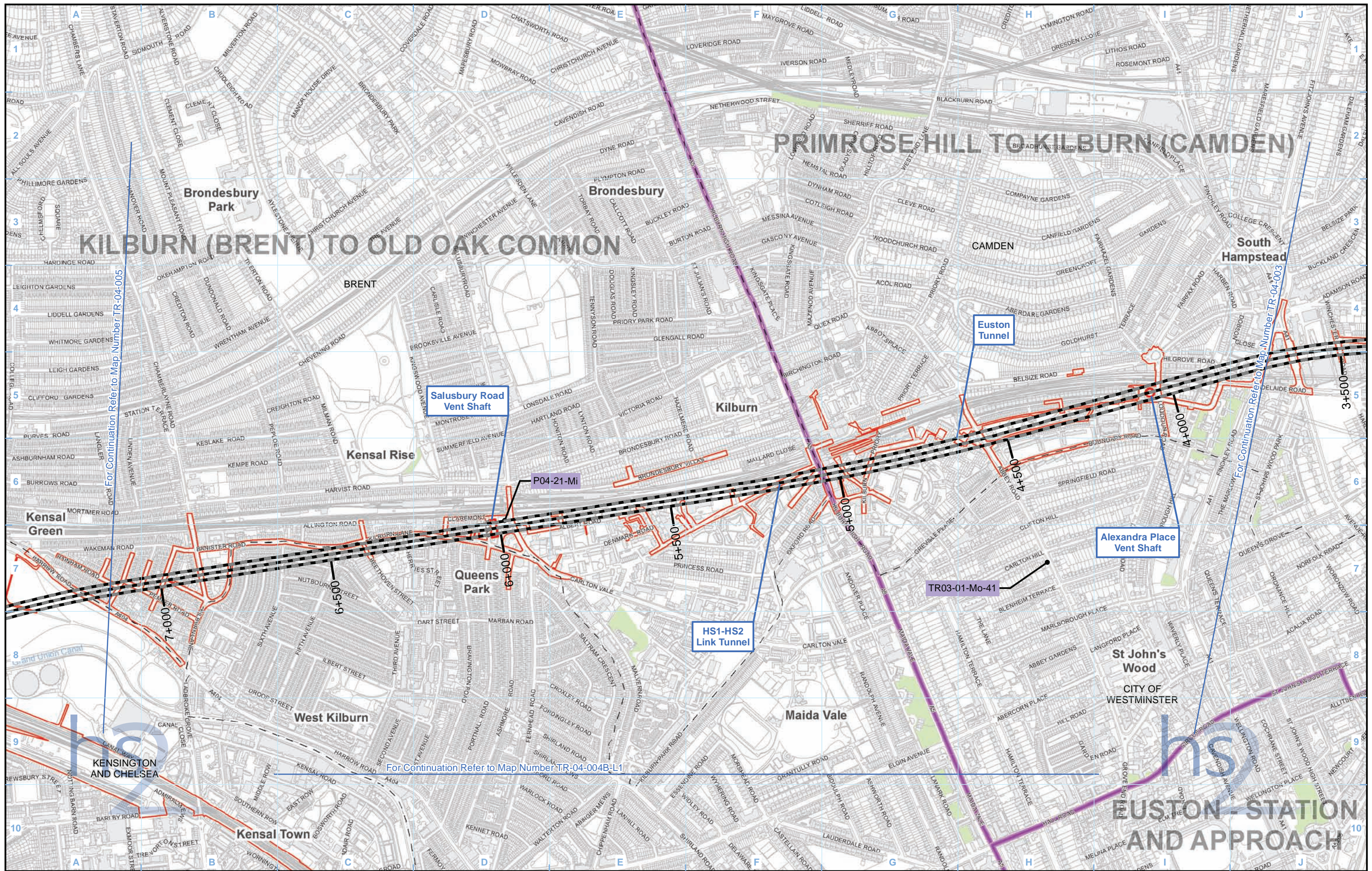
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Metres

Doc Number: C221-MMD-EV-MAP-010-804004-P01

Date: 29/10/13



Legend

		Operational significant effects	
			Operational effects identifiers: PT - Public transport delay D - Disruption at stations / interchanges T - Traffic flows and delays to vehicle occupants P - Parking and loading V - Vulnerable road user delays, amenity and ambience A - Accidents and safety S - Severance W - Waterways

Significant effects reference
PT24-01-Mi-26
Forecast Year
Effect Level
Feature Number
CFA Number
Identifier - see across

Map Number
TR-04-004b

Map Name
Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA4:
Kilburn (Brent) to Old Oak Common

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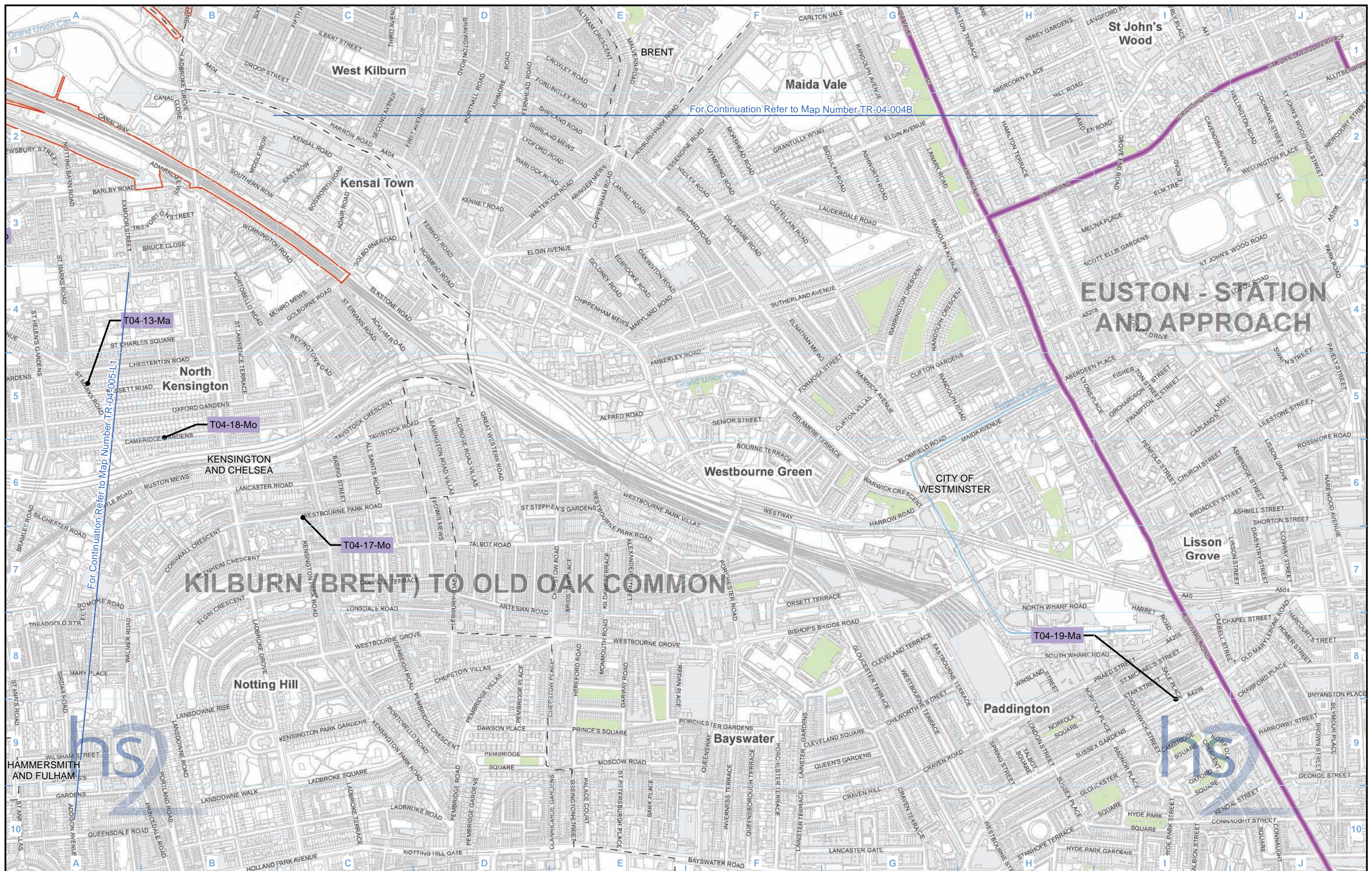
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Legend

Route in tunnel	Watercourse	Operational significant effects
Route on surface	Water body	
Depot, station, headhouse or portal building	Woodland	
Land potentially required during construction		
Community forum boundary		
County boundary		
District/Borough boundary		

Significant effects reference
PT24-01-Mi-26

Forecast Year
Effect Level
Feature Number
CFA Number
Identifier - see across

Operational effects identifiers:
PT - Public transport delay
D - Disruption at stations / interchanges
T - Traffic flows and delays to vehicle occupants
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect level:
Mi - Minor
Mo - Moderate
Ma - Major

Forecast year:
26 - Significant effect in 2026
41 - Significant effect in 2041
Missing - Significant effect in both forecast years

Map Number
TR-04-004b-L1

Map Name
Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA4:
Kilburn (Brent) to Old Oak Common

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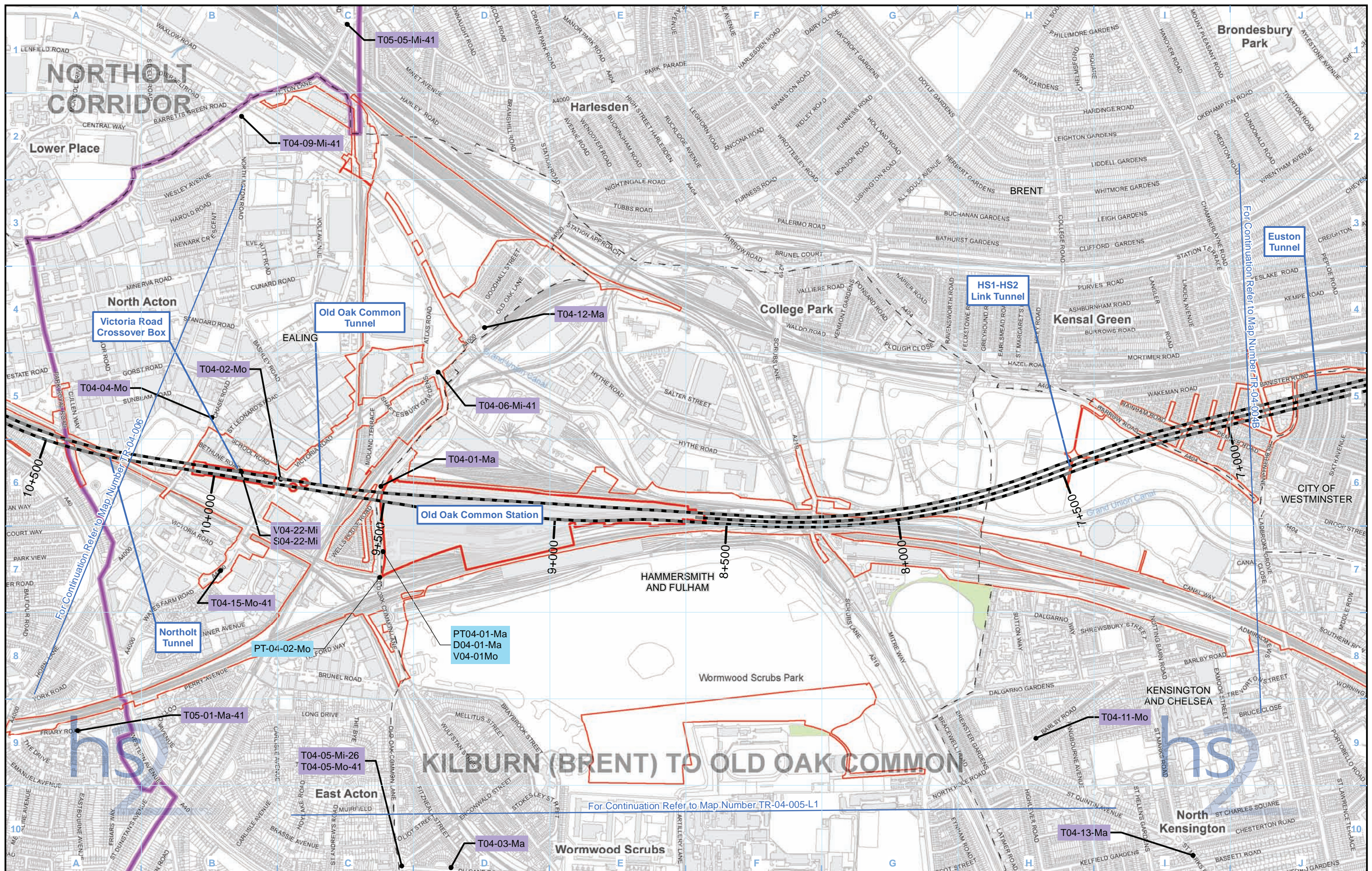
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Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-005

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA4:

Kilburn (Brent) to Old Oak Common

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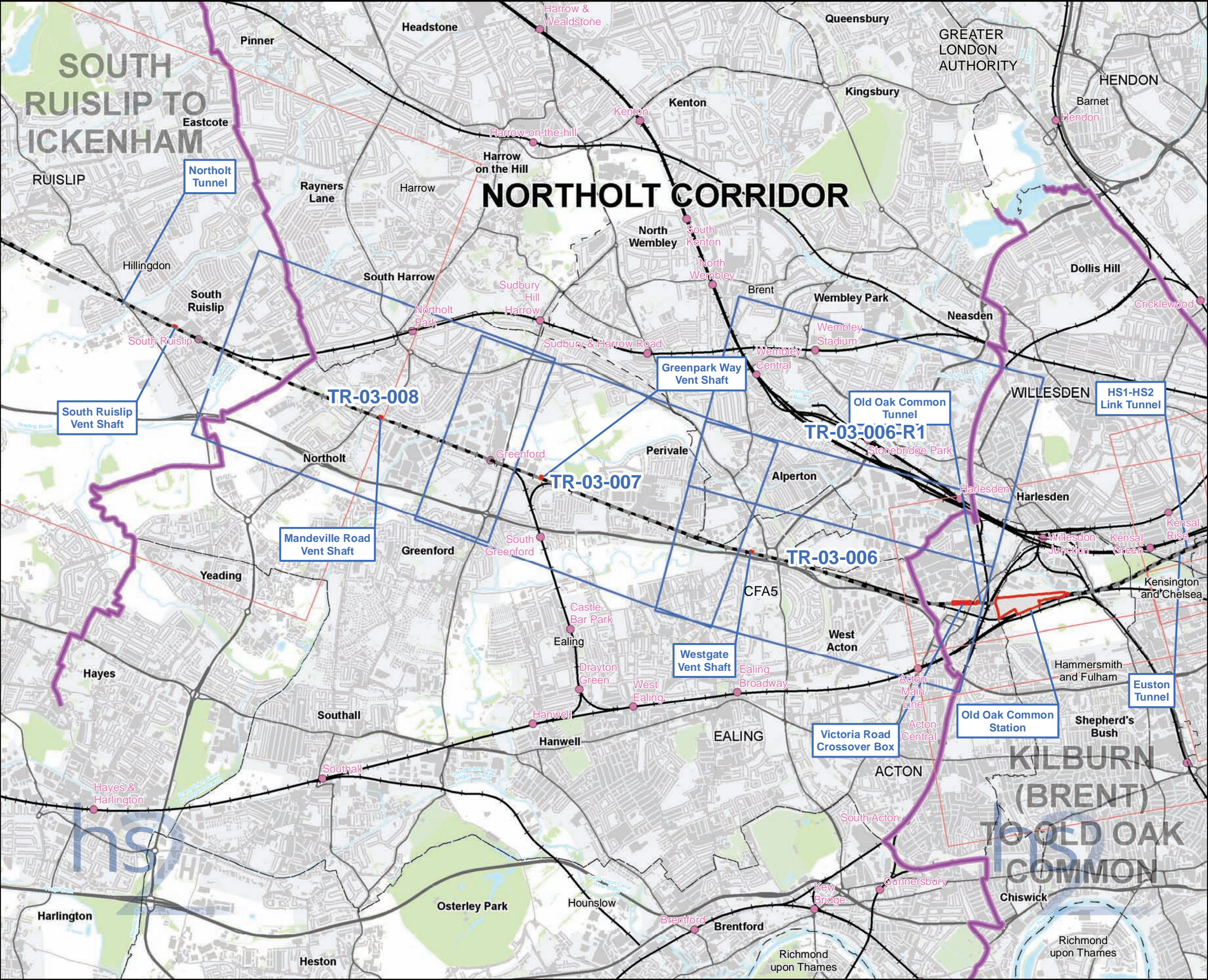
Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingLand potentially required during constructionCommunity forum boundaryCounty boundaryDistrict/Borough boundary	<ul style="list-style-type: none">WatercourseWater bodyWoodland	Operational significant effects <ul style="list-style-type: none">Adverse-permanentAdverse-temporaryBeneficial-temporaryBeneficial-permanent	Significant effects reference PT24-01-Mi-26 Forecast Year Effect Level Feature Number CFA Number Identifier - see across	Operational effects identifiers: PT - Public transport delay D - Disruption at stations / interchanges T - Traffic flows and delays to vehicle occupants P - Parking and loading V - Vulnerable road user delays, amenity and ambience A - Accidents and safety S - Severance W - Waterways	Effect level: Mi - Minor Mo - Moderate Ma - Major Forecast year: 26 - Significant effect in 2026 41 - Significant effect in 2041 Missing - Significant effect in both forecast years	Map Number TR-04-005-L1 Map Name Significant Residual Transport Effects Arising from Operation Community Forum Area CFA4: Kilburn (Brent) to Old Oak Common	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU. © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C221-MMD-EV-MAP-010-804051-P05 Date: 30/10/13
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA5 | Northolt Corridor

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Mask - Map sheets not included in this community forum

Map Number

Map Name

Community Forum Area CFA5: Northolt Corridor

Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main Aroad/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

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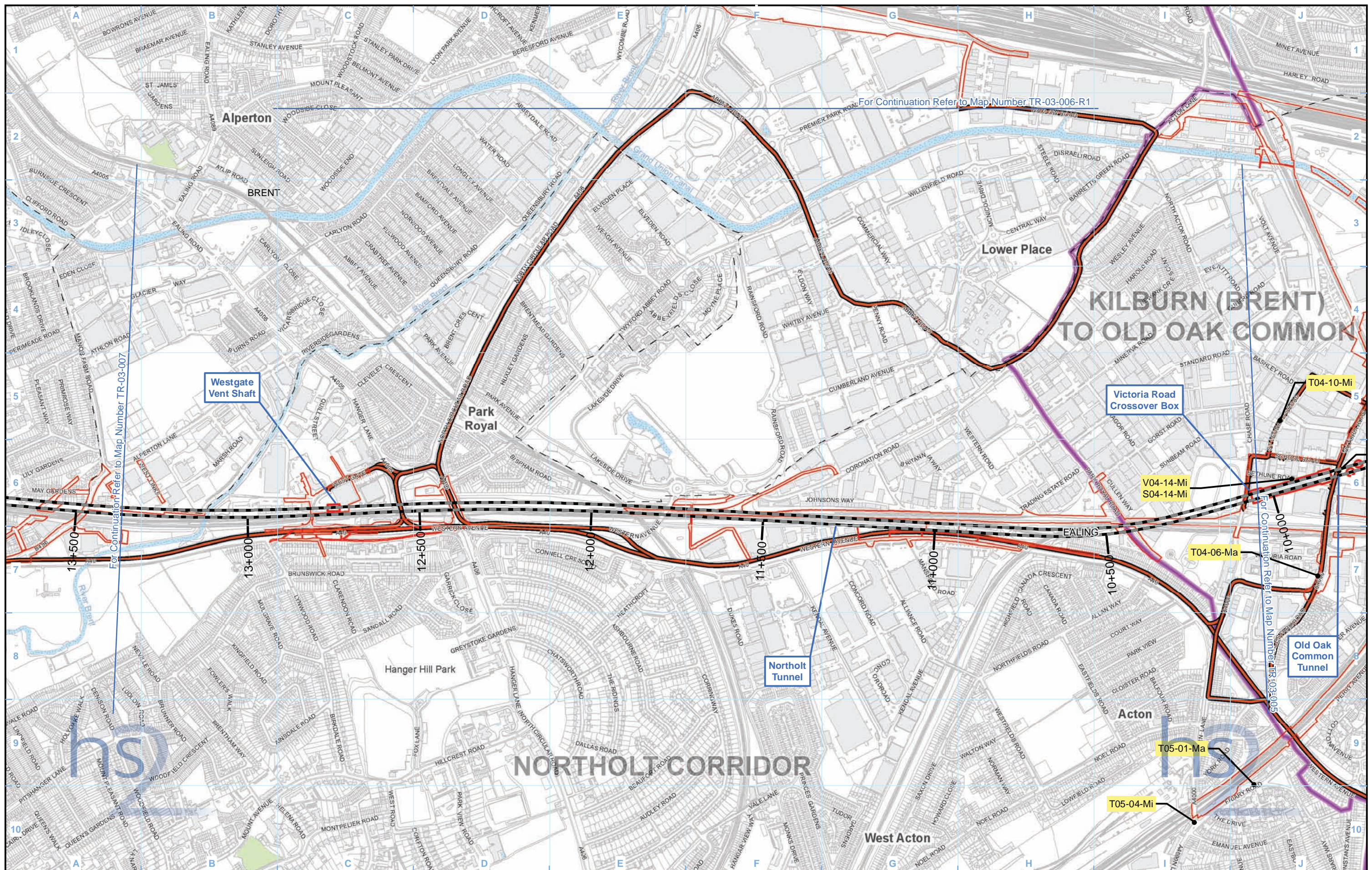
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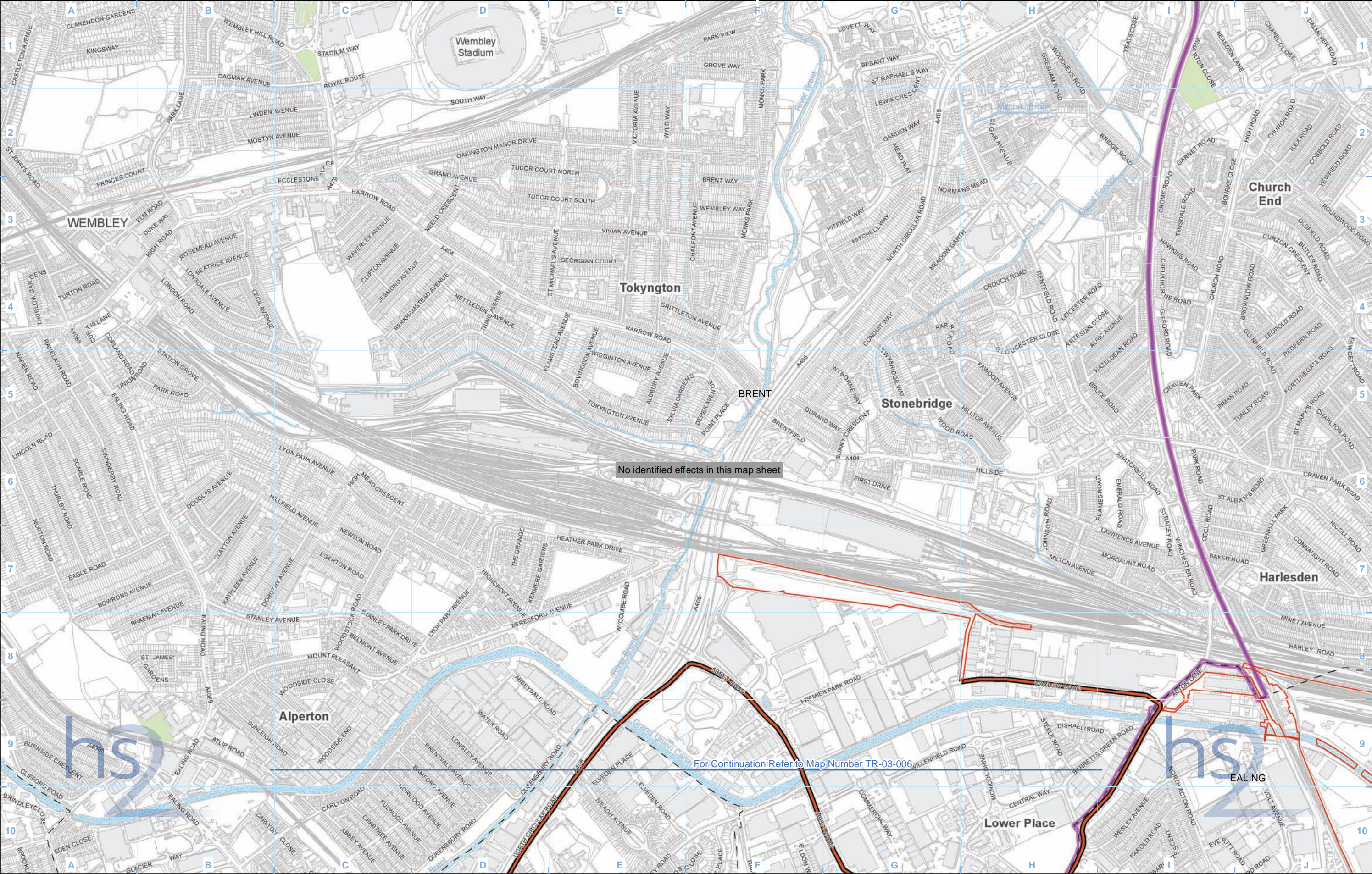
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0 500 1,000 1,500 2,000
Metres

Date: 29/10/13



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingLand potentially required during constructionCommunity forum boundaryCounty boundaryDistrict/Borough boundary	<ul style="list-style-type: none">WatercourseWater bodyWoodland	Construction significant effects <ul style="list-style-type: none">Adverse-permanentAdverse-temporaryBeneficial-temporaryBeneficial-permanentConstruction traffic routes	Significant effects reference PT24-01-Ma Effect Level Feature Number CFA Number Identifier - see across	Construction effects identifiers: <ul style="list-style-type: none">PT - Public transport delayD - Disruption at stations / interchangesT - Traffic flows and delays to vehicle occupantsP - Parking and loadingV - Vulnerable road user delays, amenity and ambienceA - Accidents and safetyS - SeveranceW - Waterways	Effect level: <ul style="list-style-type: none">Mi - MinorMo - ModerateMa - Major	Map Number TR-03-006	Map Name Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes Community Forum Area CFA5: Northolt Corridor	 Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU. © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C221-MMD-EV-MAP-010-803060-P05	 Scale at A3: 1:10,000 0 100 200 300 400 Metres Date: 29/10/13
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Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-006-R1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA5:

Northolt Corridor

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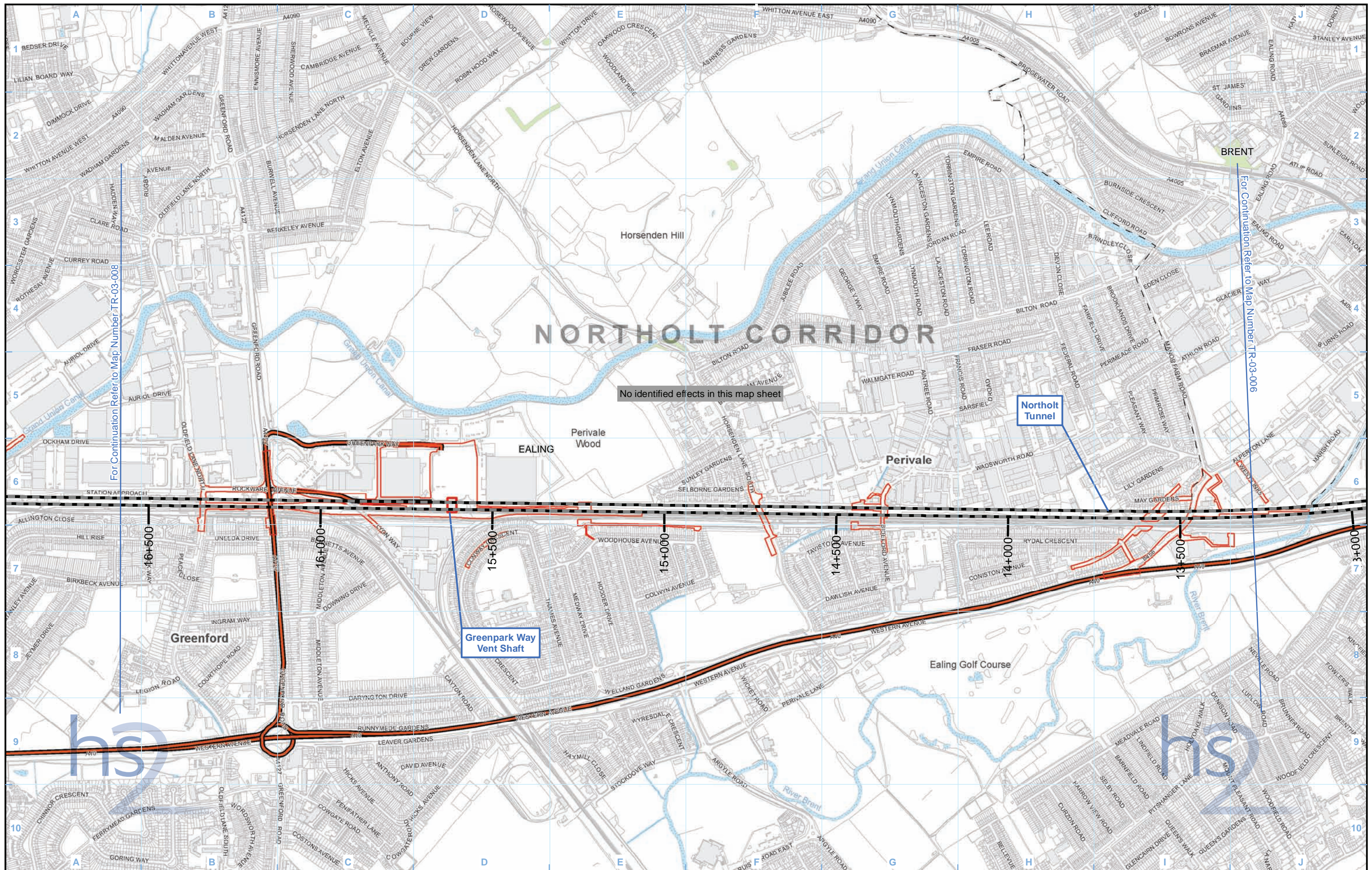
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Meters

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Construction significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent
 - Construction traffic routes

Significant effects reference
PT24-01-Ma
Effect Level
Feature Number
CFA Number
Identifier - see across

Construction effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number
TR-03-007

Map Name
Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA5:
Northolt Corridor

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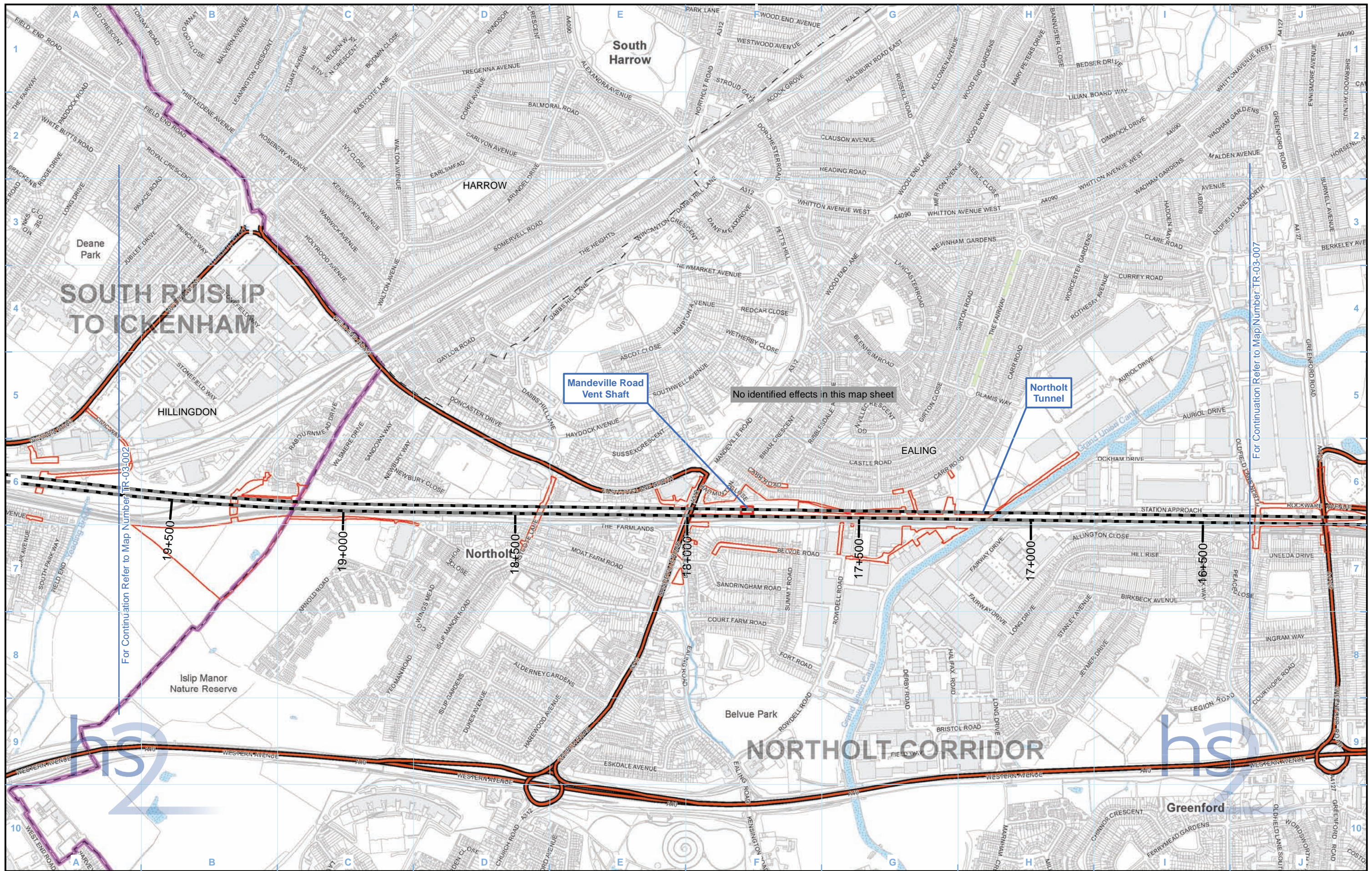
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Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-008

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA5: Northolt Corridor

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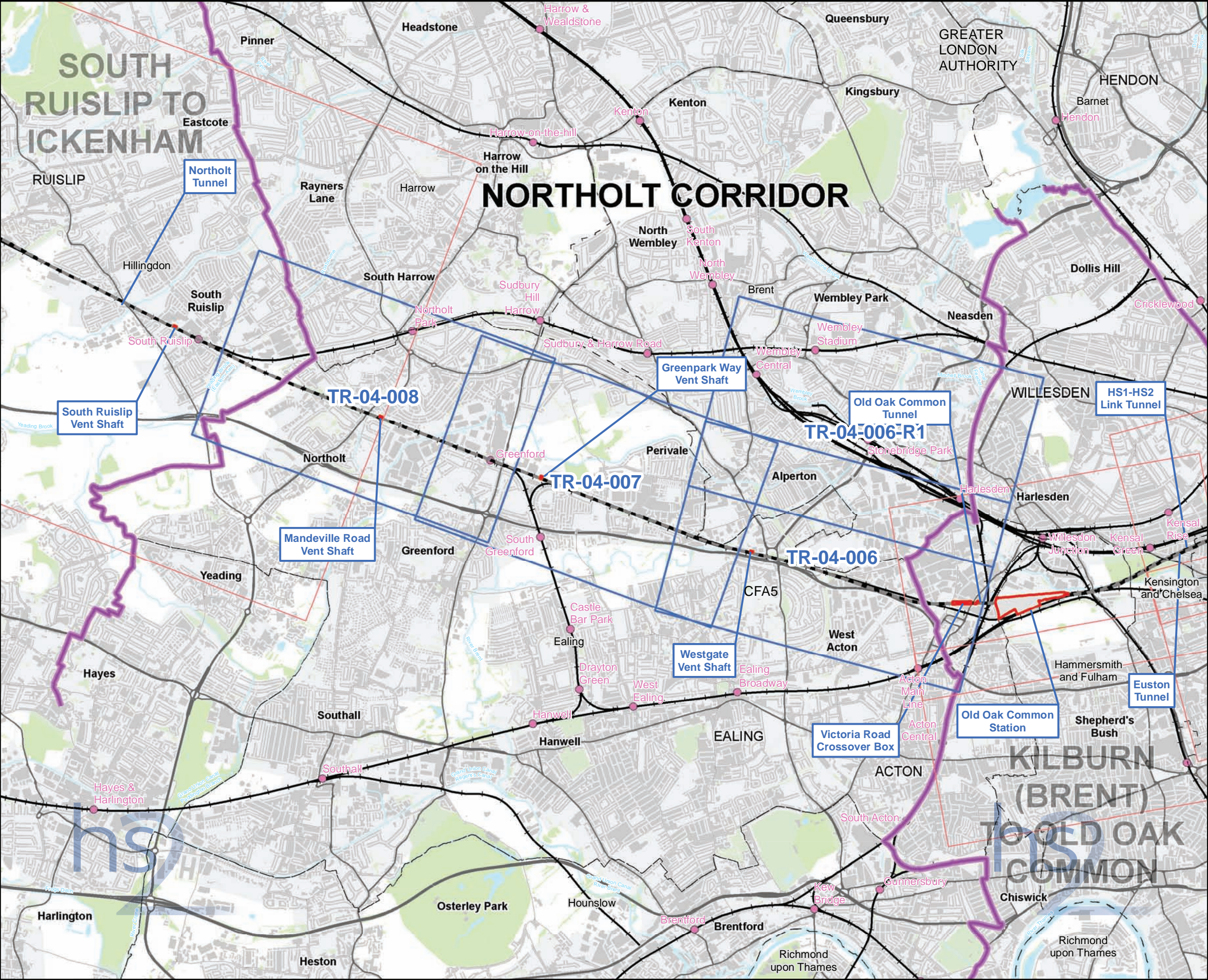
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Doc Number: C221-MMD-EV-MAP-010-803080-P05

Date: 29/10/13

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Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Mask - Map sheets not included in this community forum

hs2

HS2

Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Note: Not all data layers in the legend are represented on every map.

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Metres

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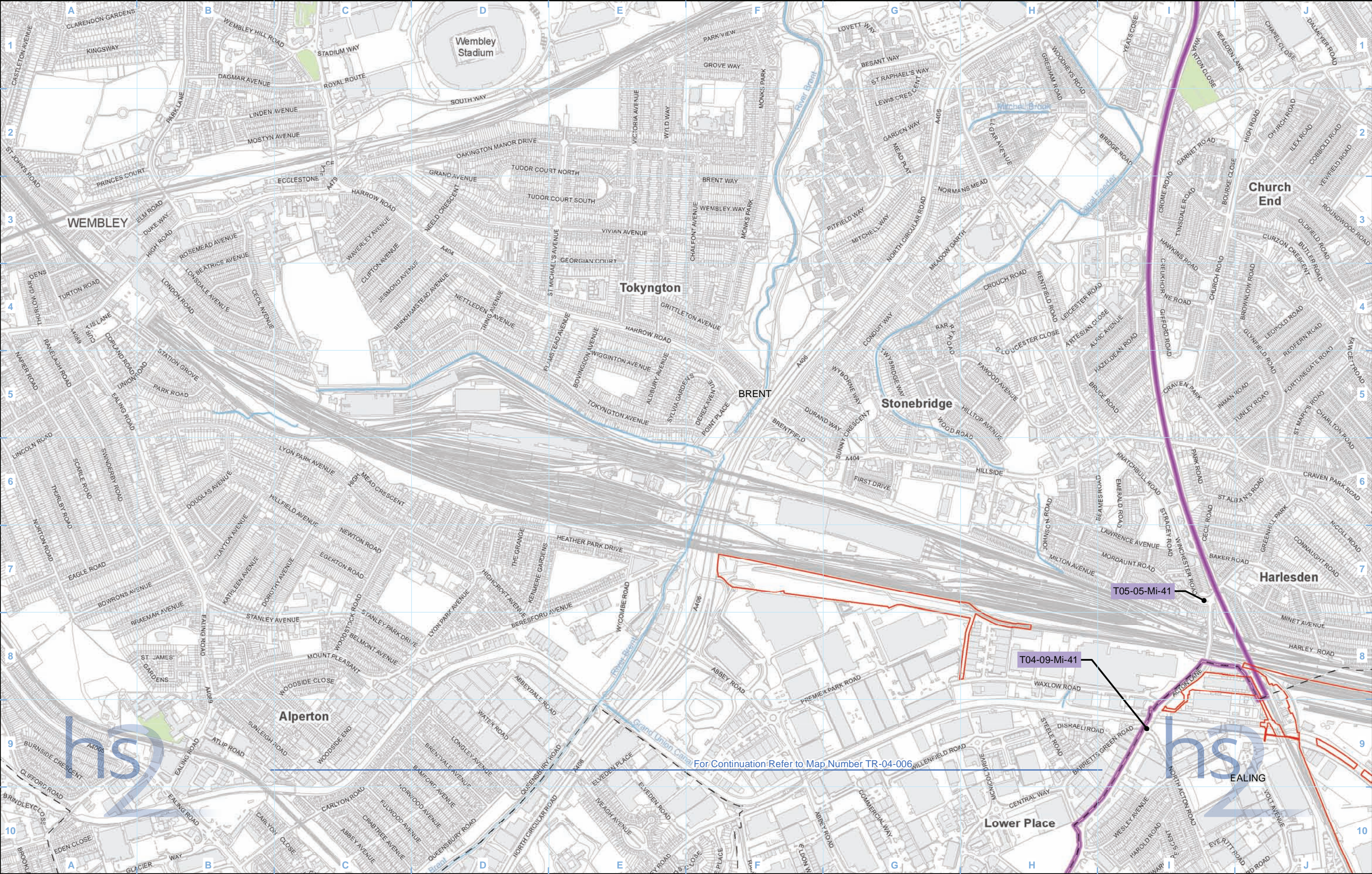
Map Number

TR-04-INDEX-CFA5

Map Name

Index Map of:
Significant Residual Transport
Effects

Community Forum Area CFA5:
Northolt Corridor



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-006-R1

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA5:

Northolt Corridor

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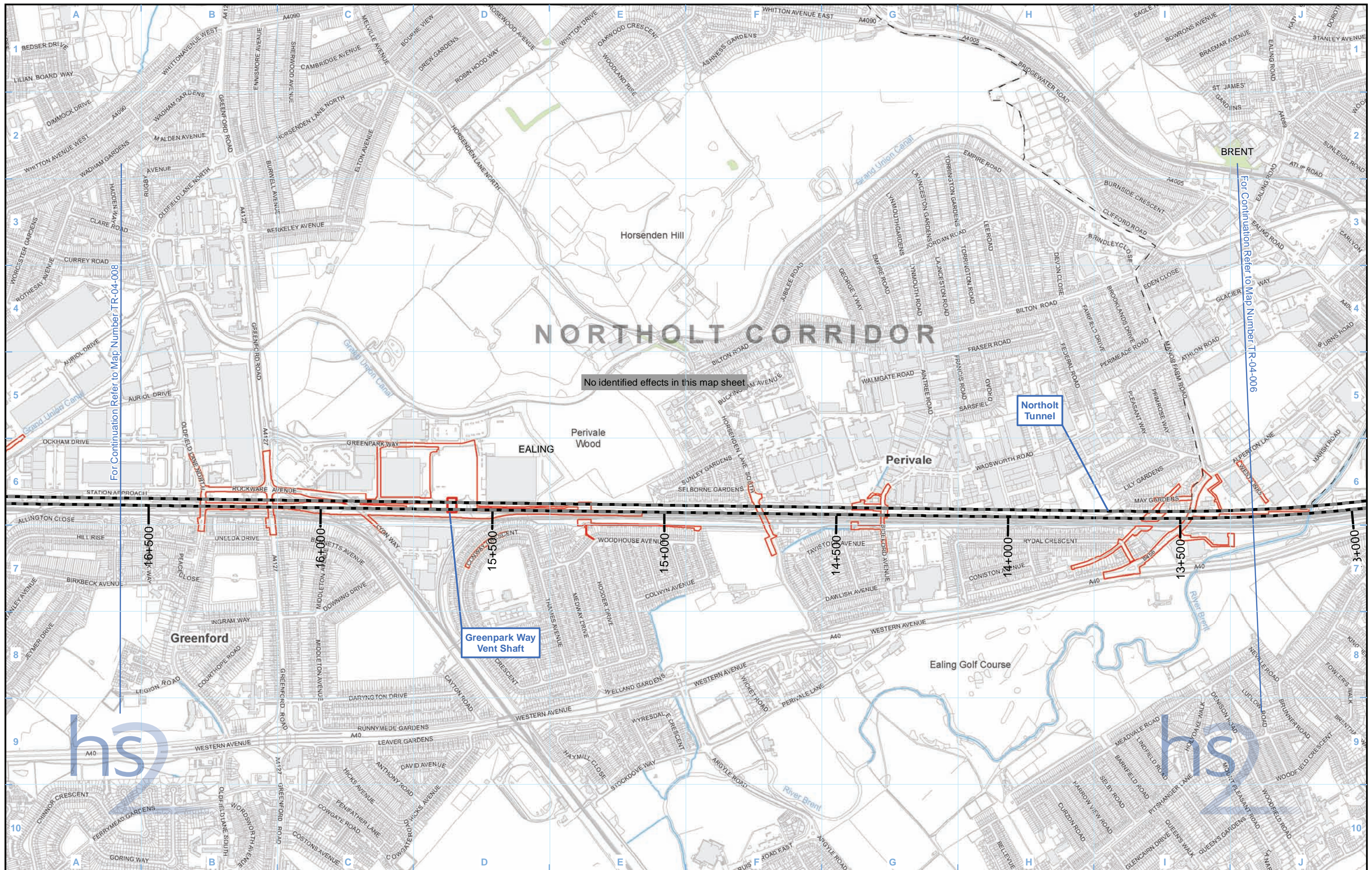
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Date: 30/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Operational significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number
TR-04-007

Map Name
Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA5:
Northolt Corridor

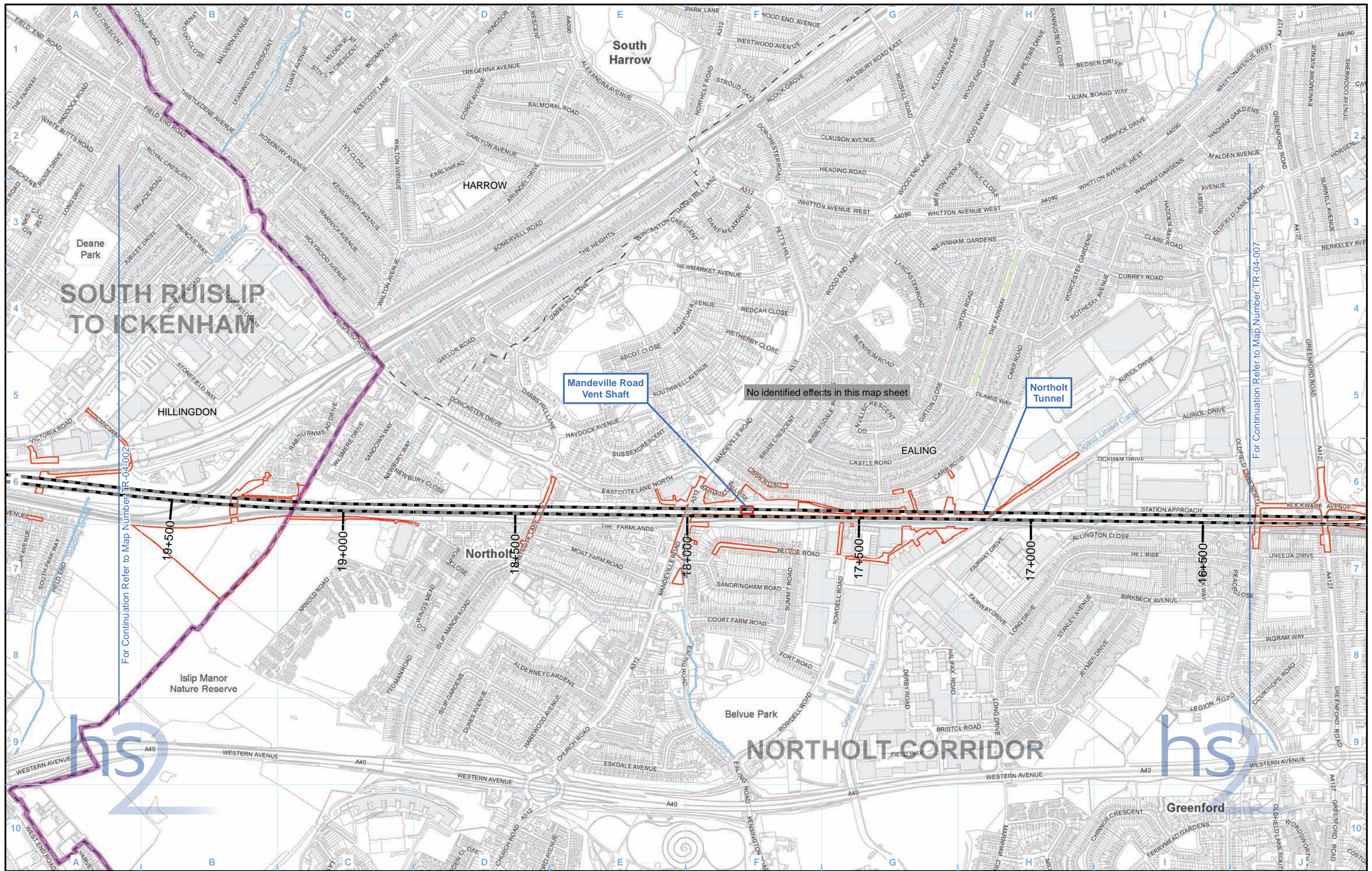
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Date: 30/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Operational significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-008

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA5: Northolt Corridor

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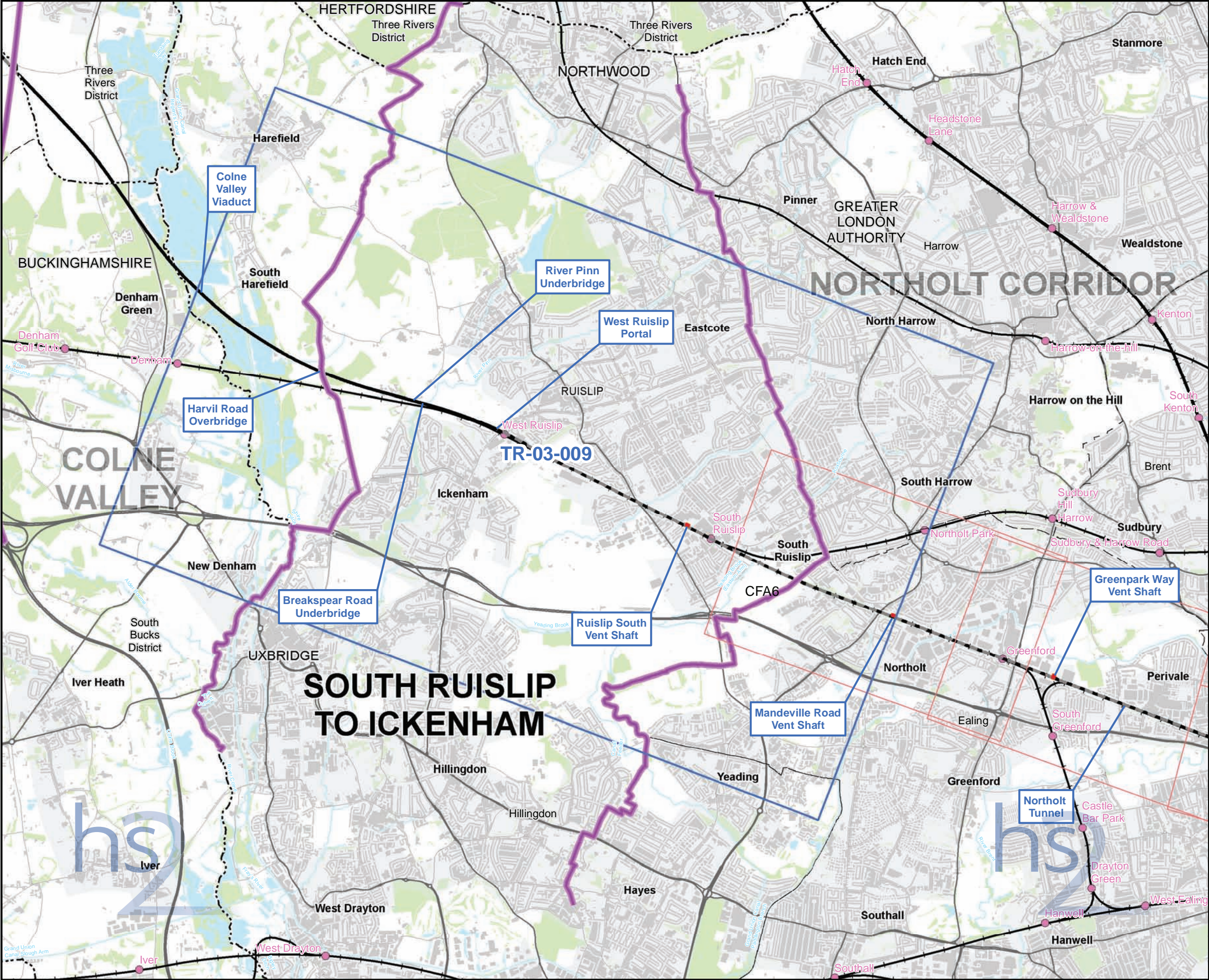
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA6 | South Ruislip to Ickenham

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Mask - Map sheets not included in this community forum

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Iver

Map Number

TR-03-INDEX-CFA6

Map Name

Index Map of:
Significant Residual Transport Effects
Arising during Construction and
Construction Lorry Routes

Community Forum Area CFA6:

South Ruislip to Ickenham

Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main Aroad/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

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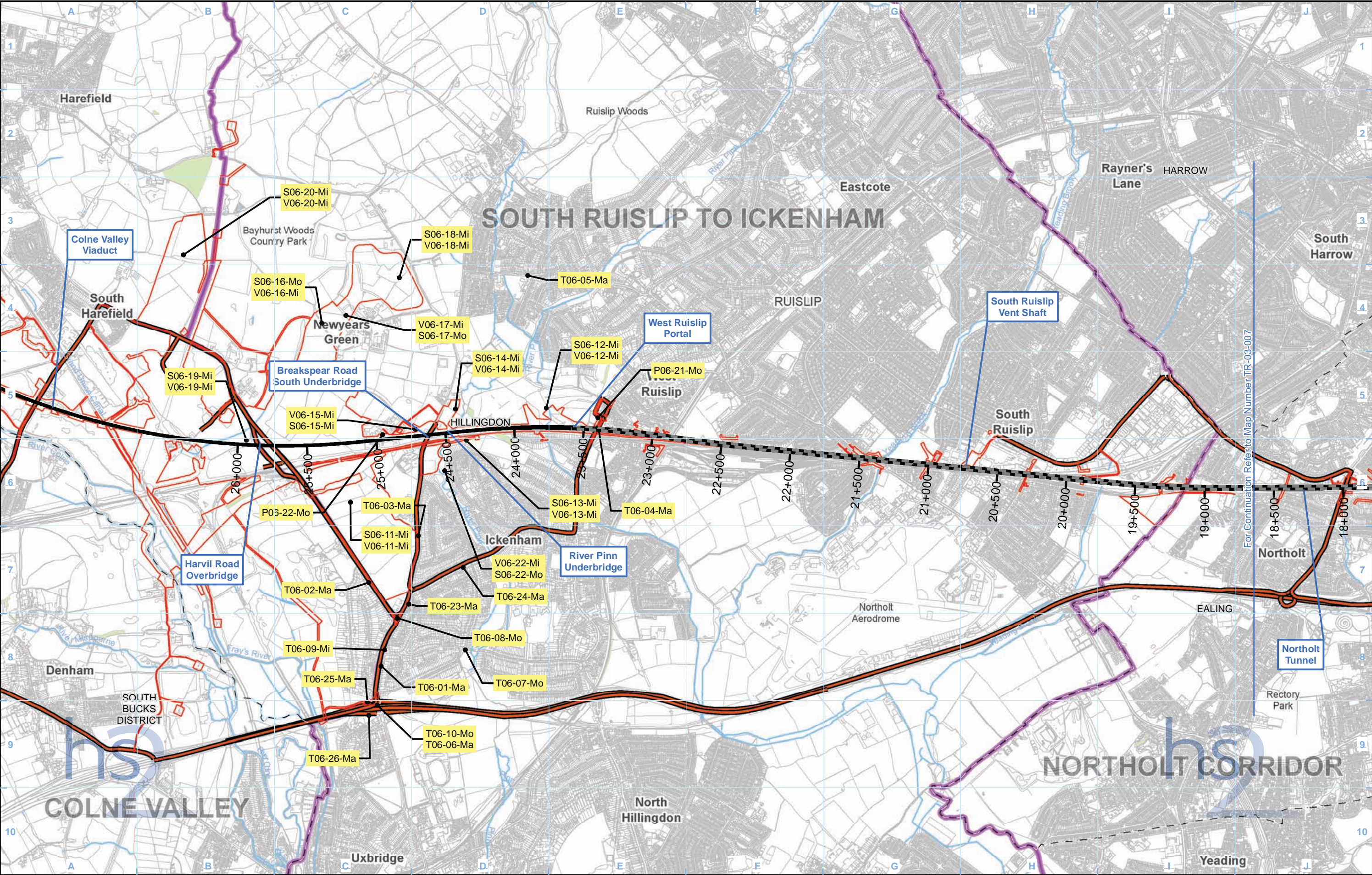
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Doc Number: C221-MMD-EV-MAP-010-803006-P01

Date: 29/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction traffic routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-009

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area 6:
South Ruislip to Ickenham

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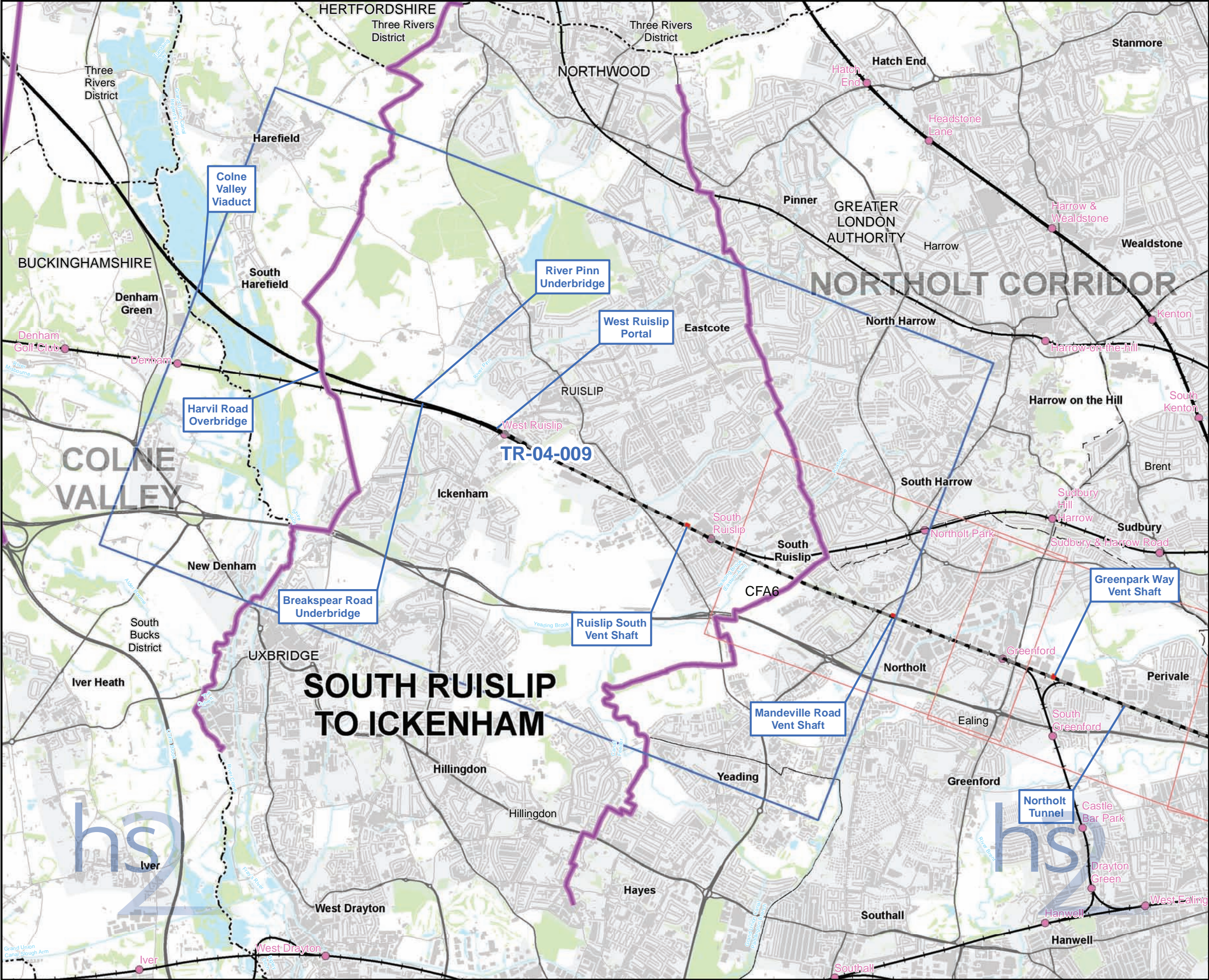
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Doc Number: C221-MMD-EV-MAP-010-803090-P05

Scale at A3: 1:25,000

0 250 500 750 1,000 Metres

Date: 31/10/13



Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Mask - Map sheets not included in this community forum

Map Number

TR-04-INDEX-CFA6

Map Name

Index Map of:
Significant Residual Transport Effects

Community Forum Area CFA6:

South Ruislip to Ickenham

Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Note: Not all data layers in the legend are represented on every map.

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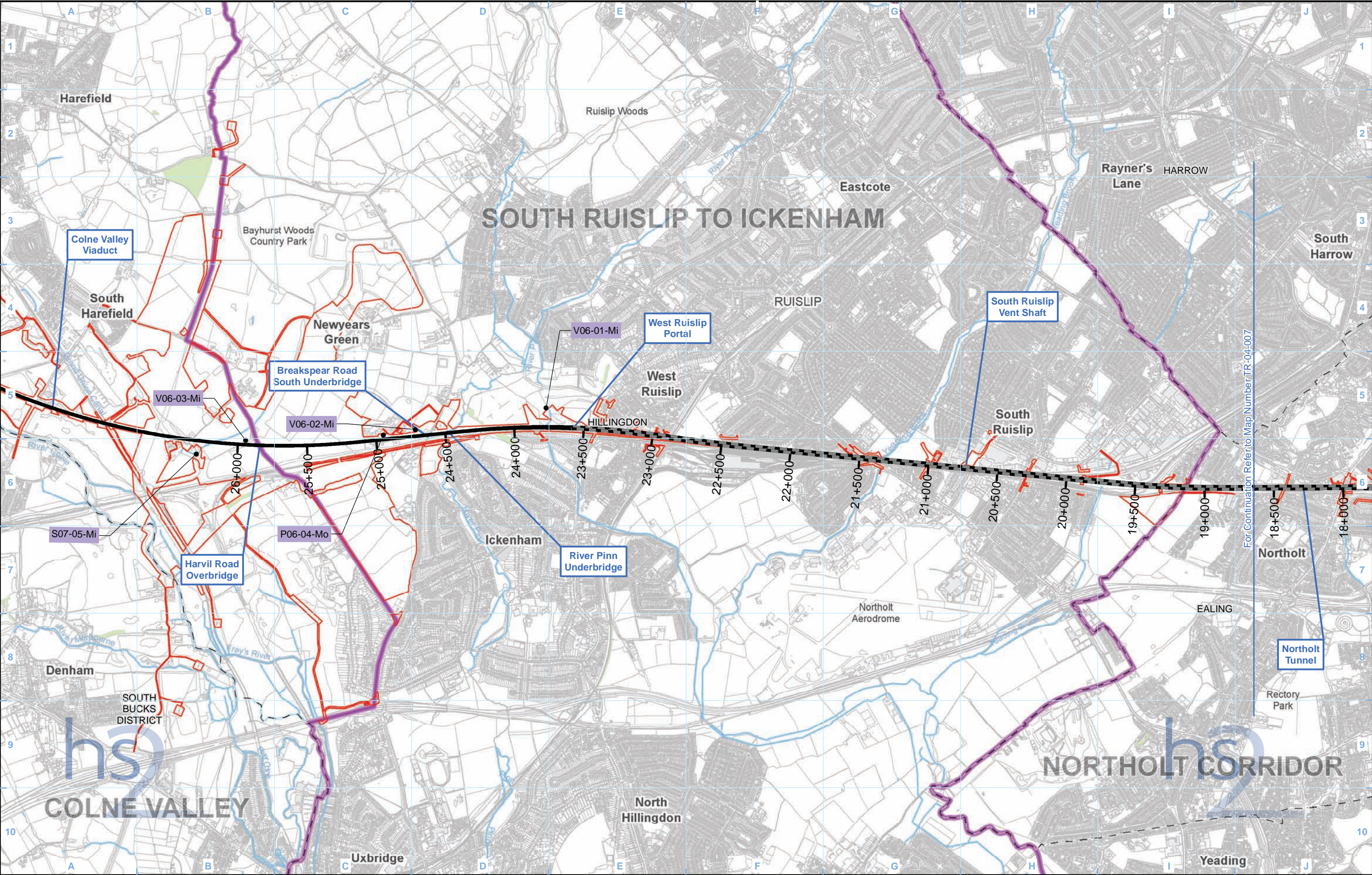
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Metres

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Doc Number: C221-MMD-EV-MAP-010-804006-P01

Date: 29/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction traffic routes

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-009

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area 6:

South Ruislip to Ickenham

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Date: 29/10/13

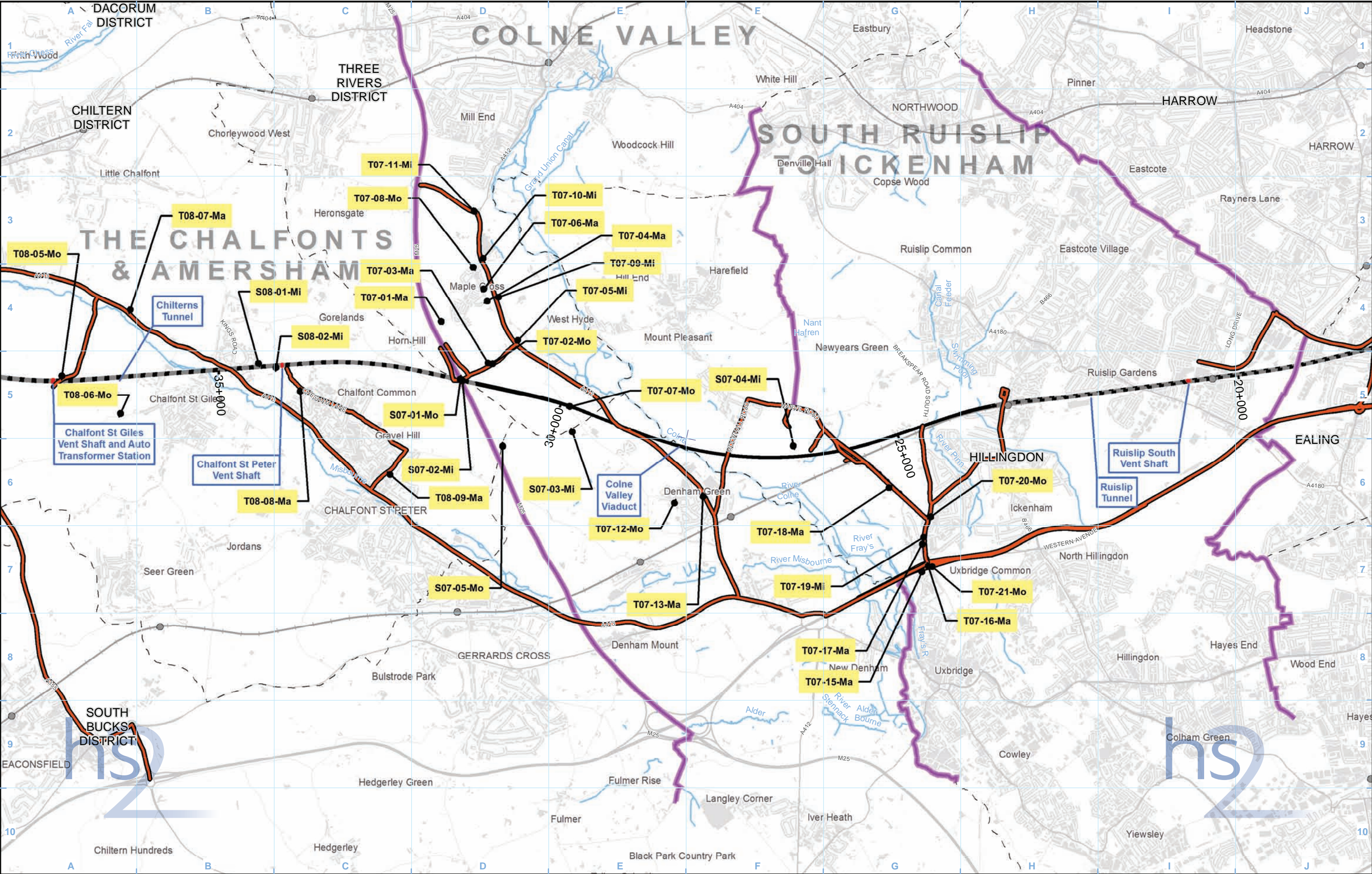
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA7 | Colne Valley

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-051

Map Name

Significant Residual Transport Effects
Arising during Construction and
Construction Lorry Routes

Community Forum Area CFA7:

Colne Valley

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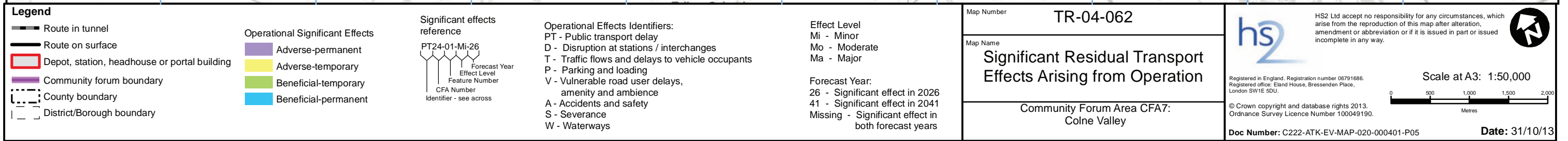
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Metres

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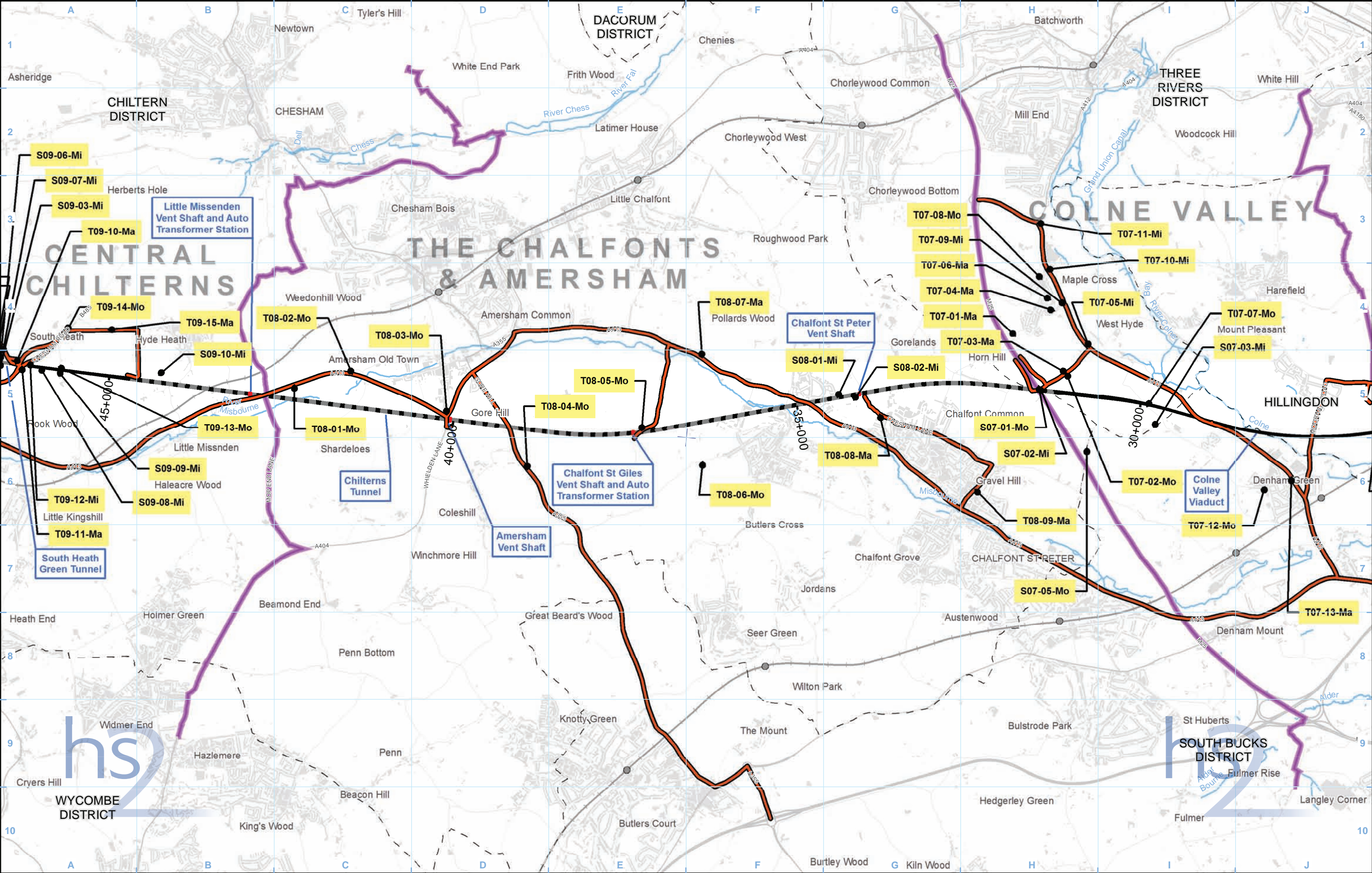
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA8 | The Chalfonts and Amersham

TR-03 - Significant Residual Transport Effects Arising during Construction and
Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-052

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA8: The Chalfonts & Amersham

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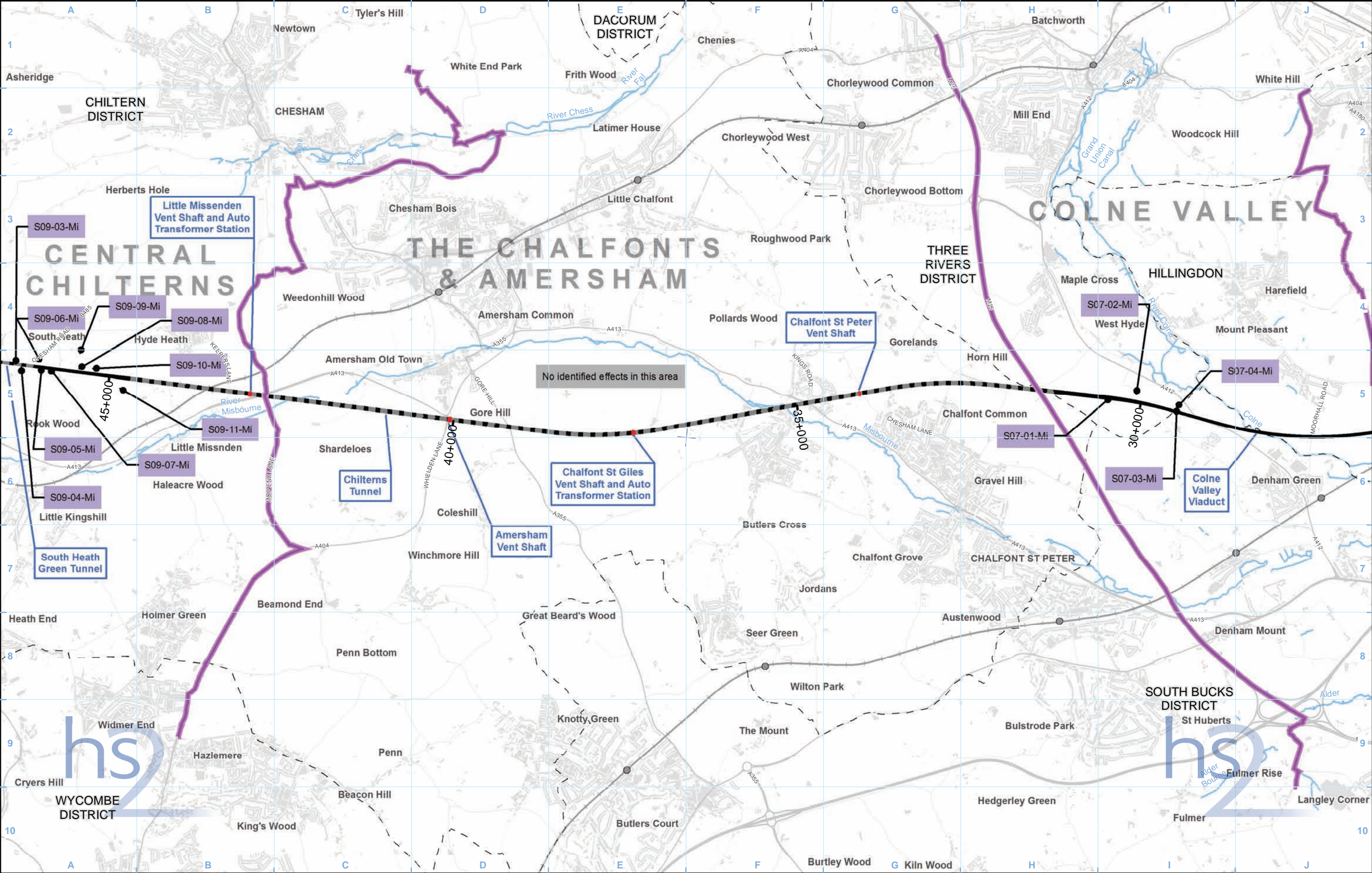
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Date: 05/11/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Operational Significant Effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-063

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA8: The Chalfonts & Amersham

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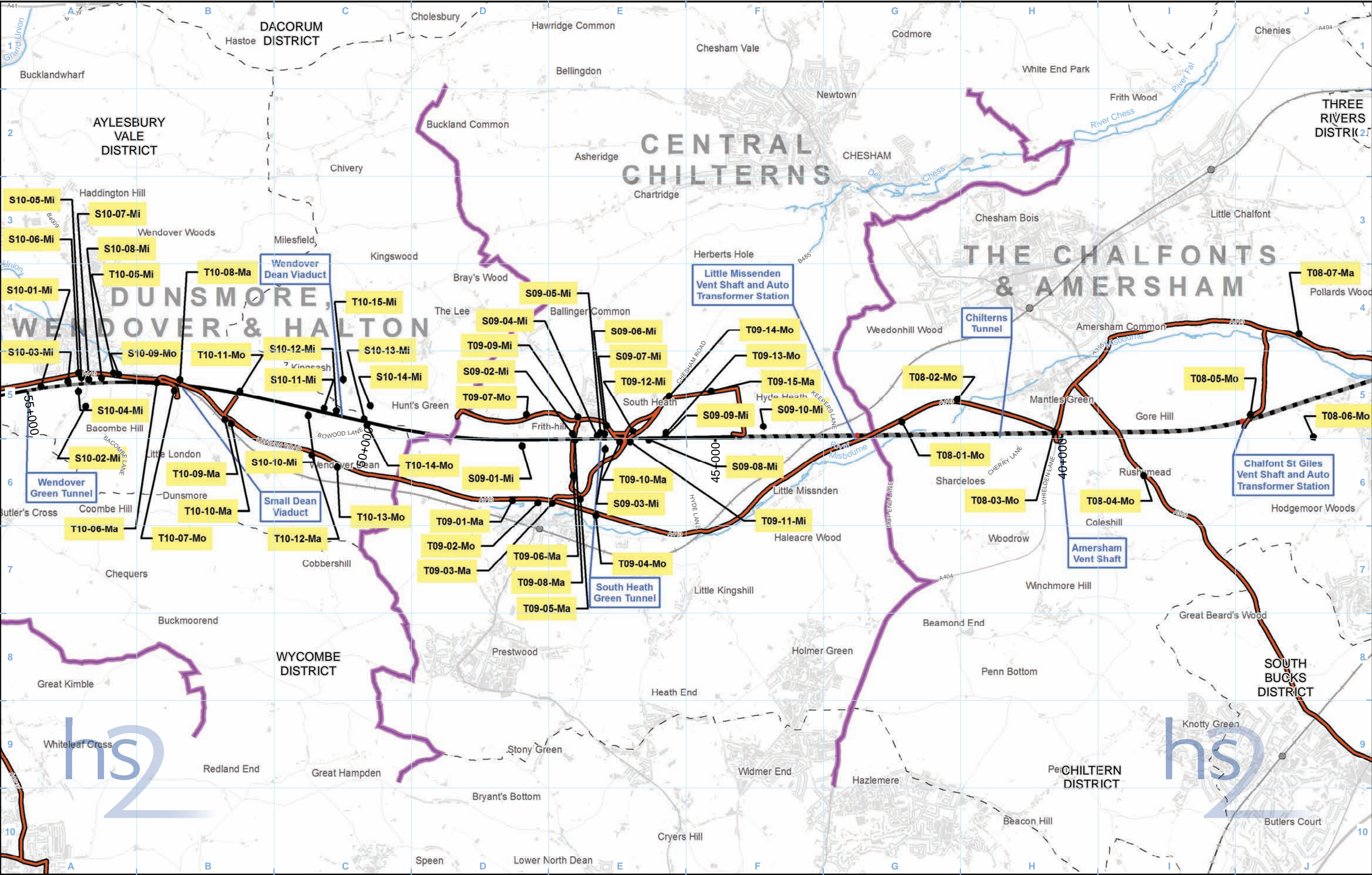
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFAg | Central Chilterns

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-053

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA9: Central Chilterns North

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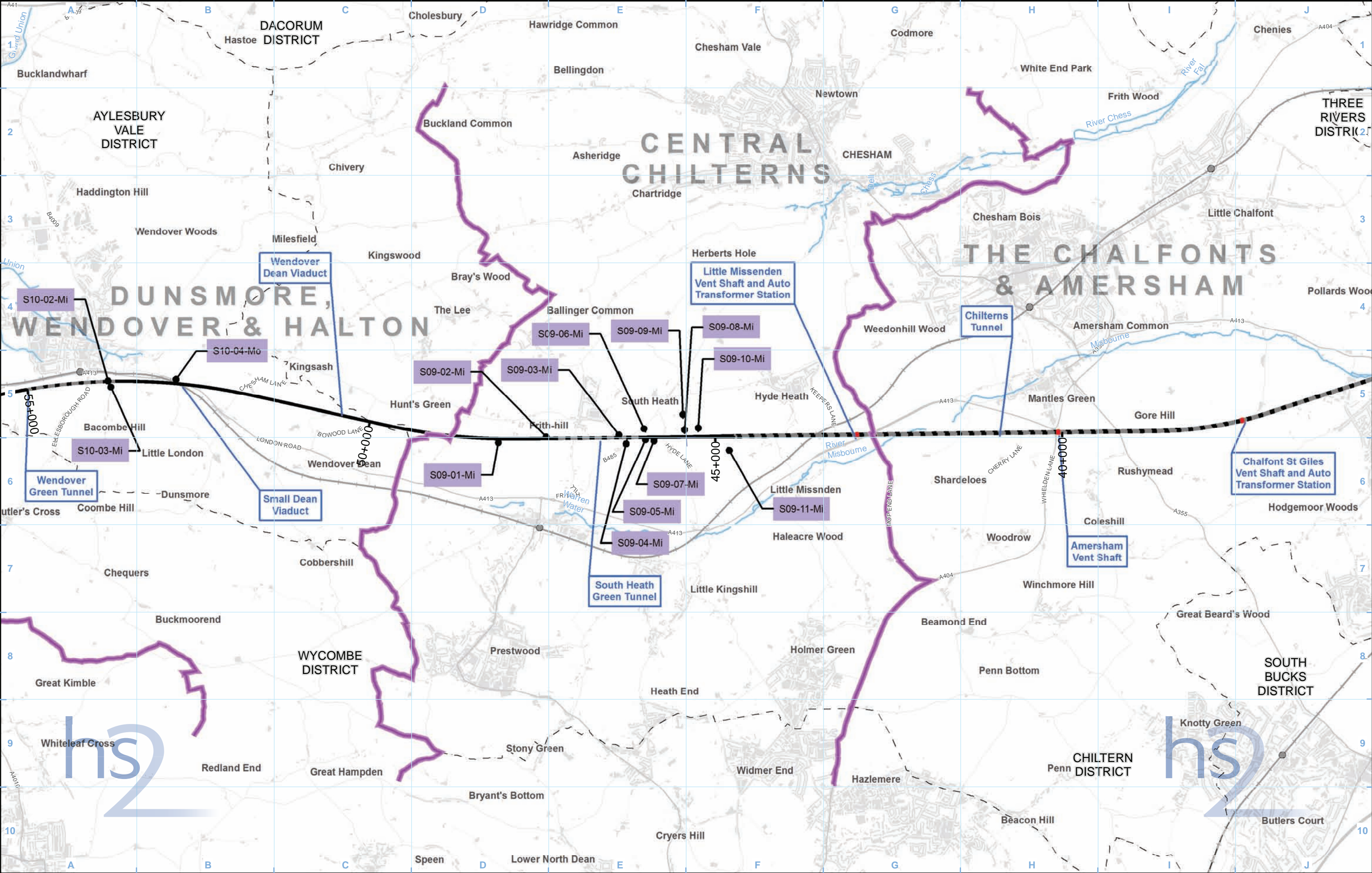
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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Operational Significant Effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-064

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA9: Central Chilterns

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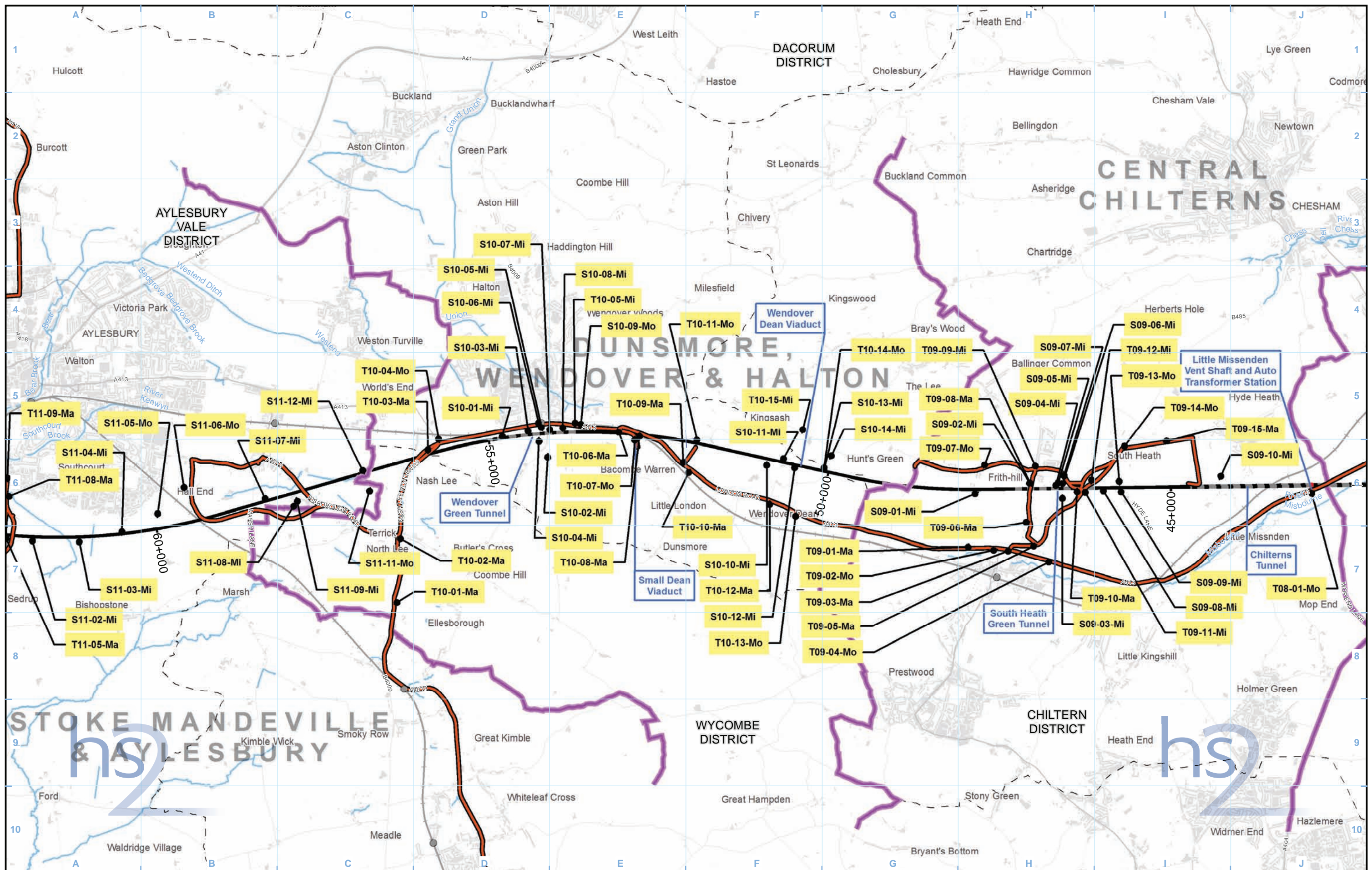
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA10 | Dunsmore, Wendover and Halton

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-054

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA10: Dunsmore, Wendover & Halton

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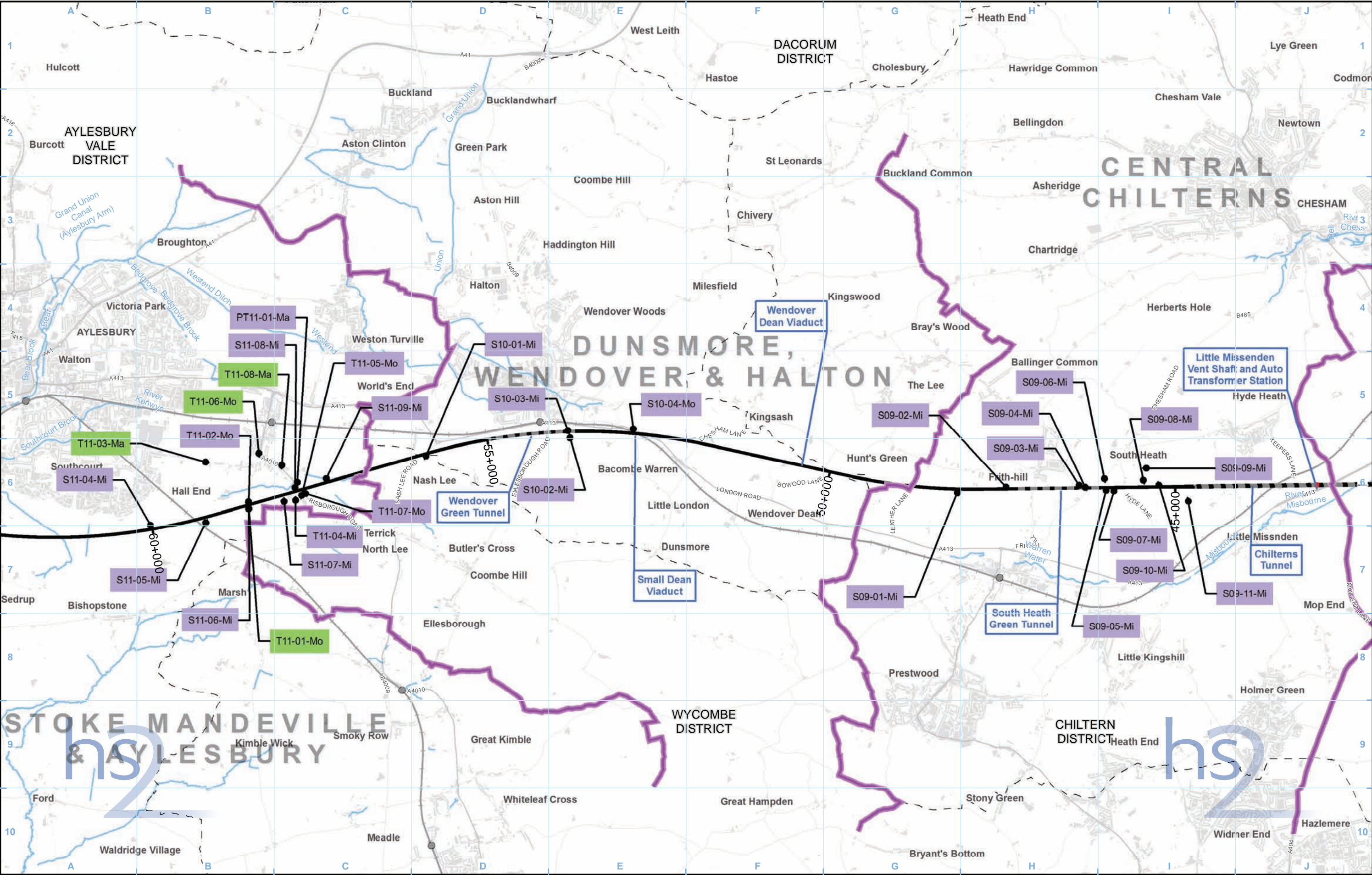
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Date: 05/11/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Operational Significant Effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-065

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA10:
Dunsmore, Wendover & Halton

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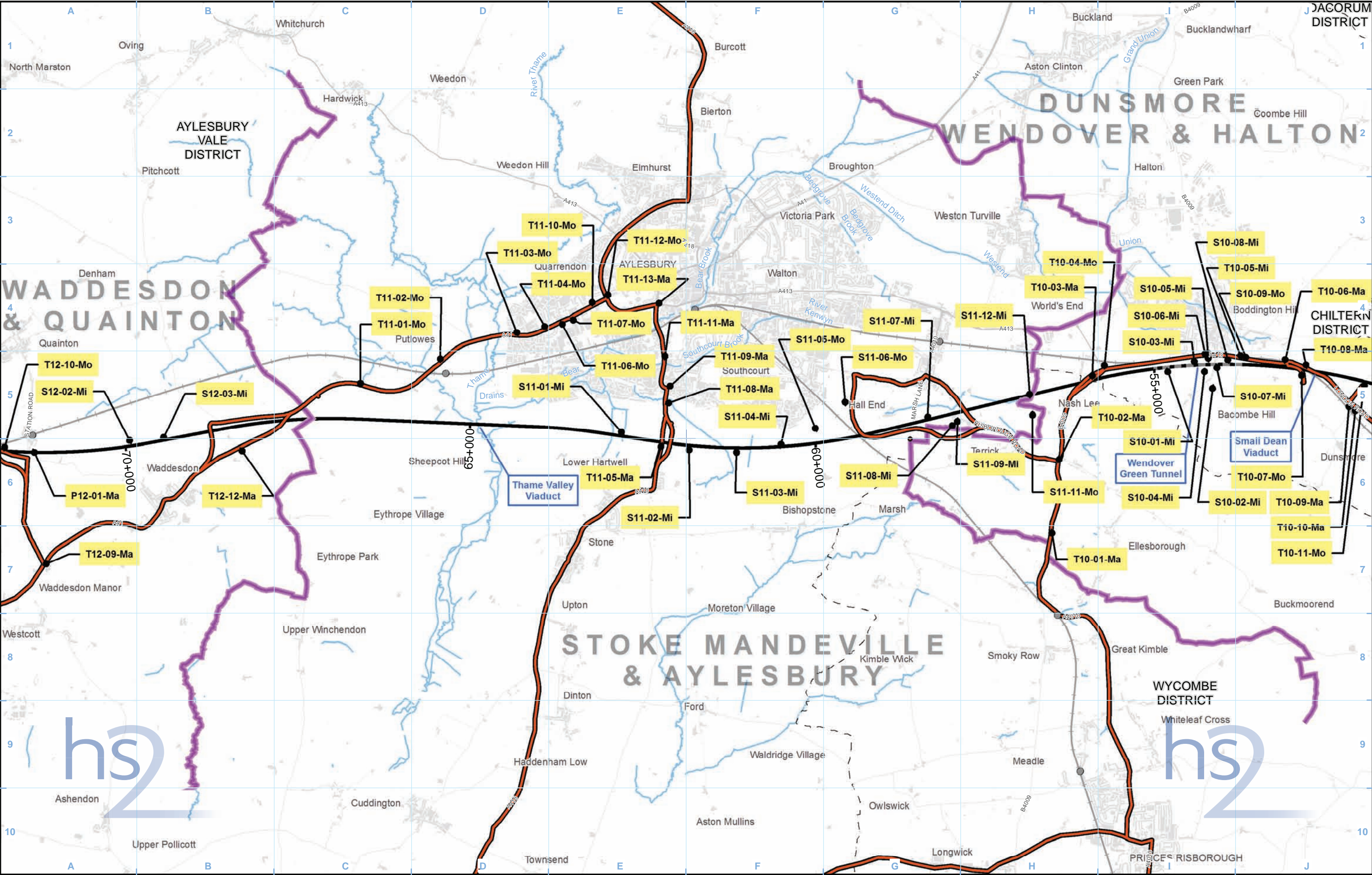
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA11 | Stoke Mandeville and Aylesbury

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-055

Map Name

Significant Residual Transport Effects
Arising during Construction and
Construction Lorry Routes

Community Forum Area CFA11:
Stoke Mandeville & Aylesbury

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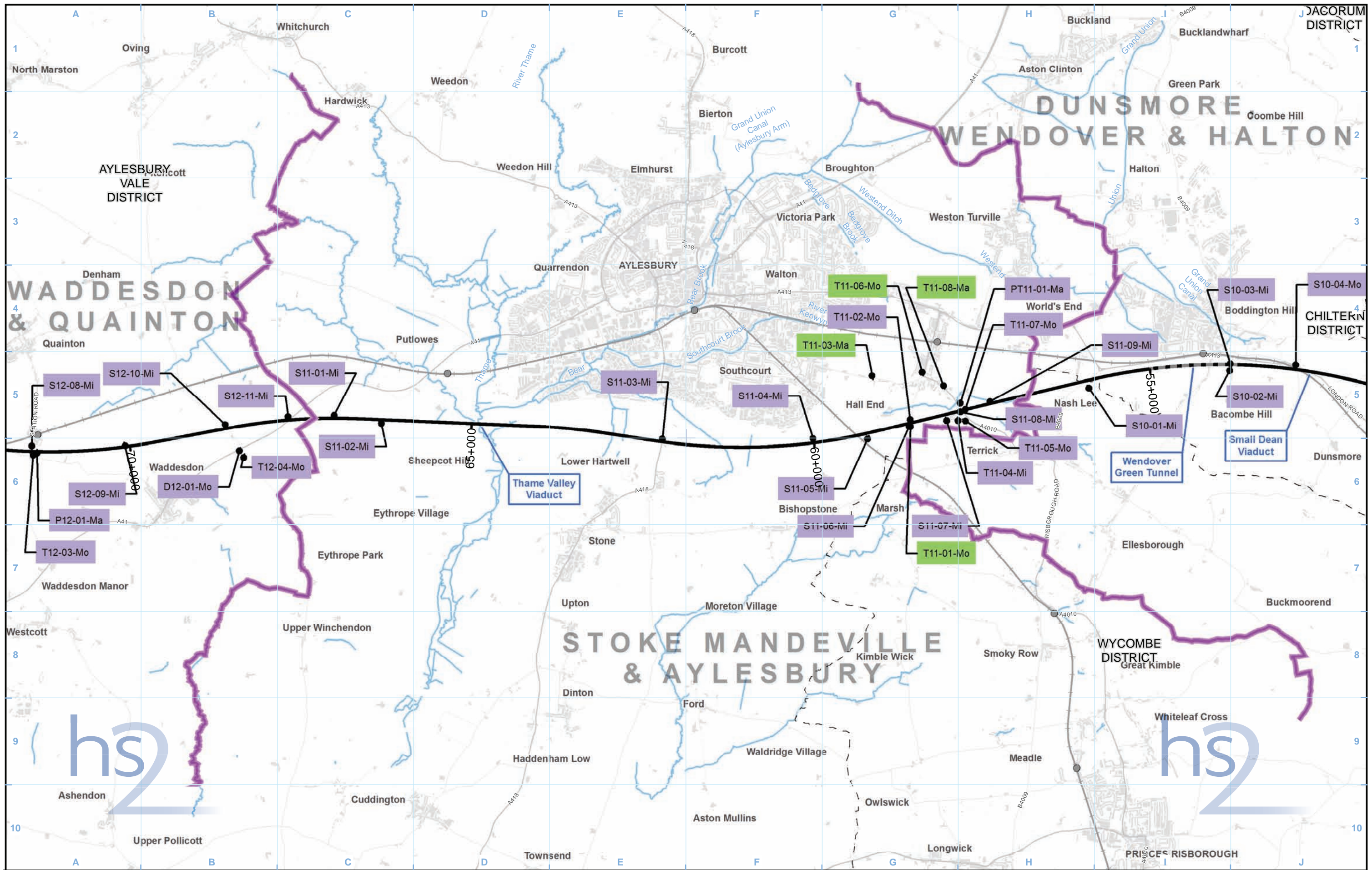
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Date: 05/11/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Operational Significant Effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-066

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA11: Stoke Mandeville & Aylesbury

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Date: 17/10/13

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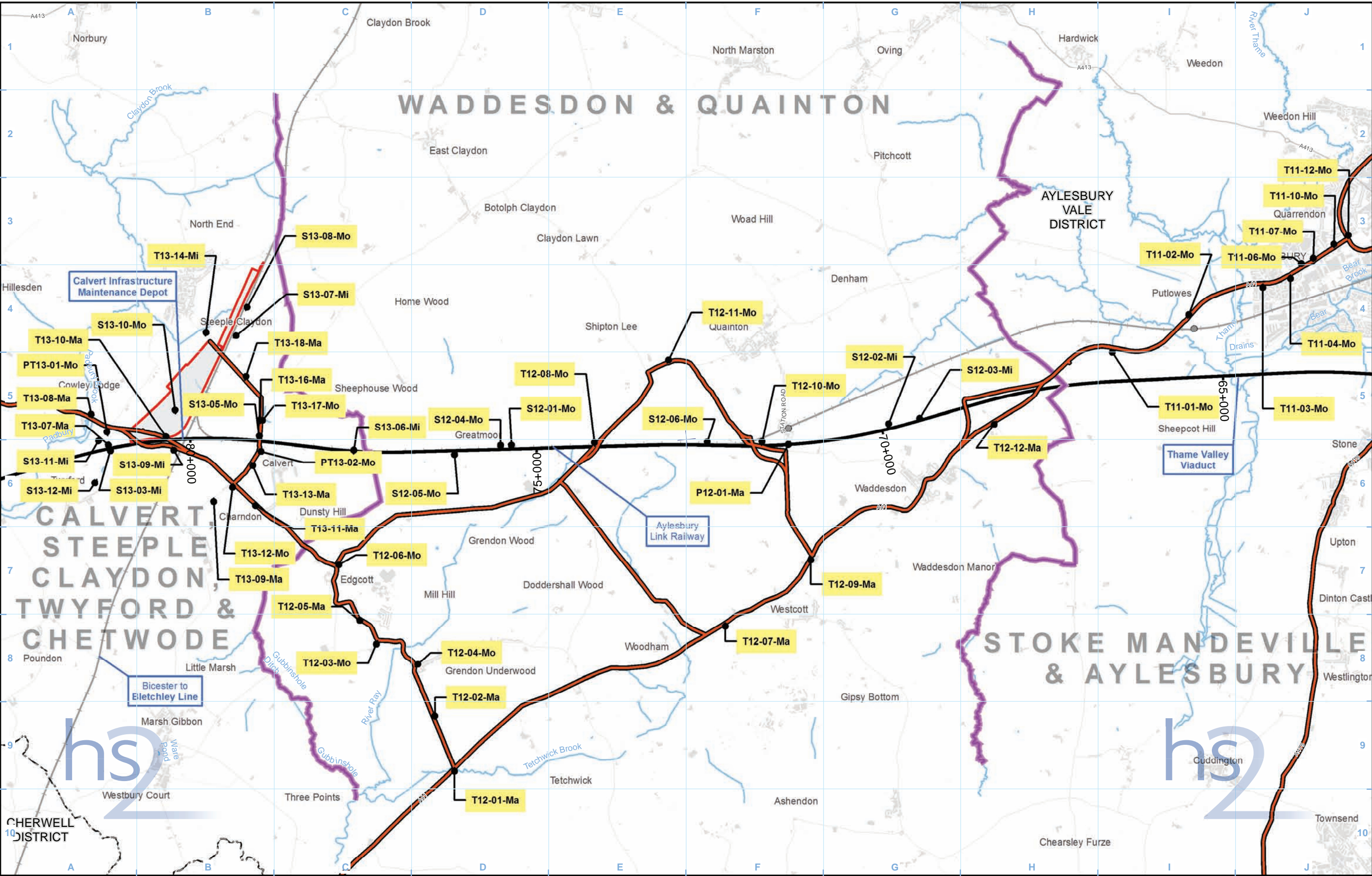
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA12 | Waddesdon and Quainton

TR-03 - Significant Residual Transport Effects Arising during Construction and
Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-056

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA12: Waddesdon & Quainton North

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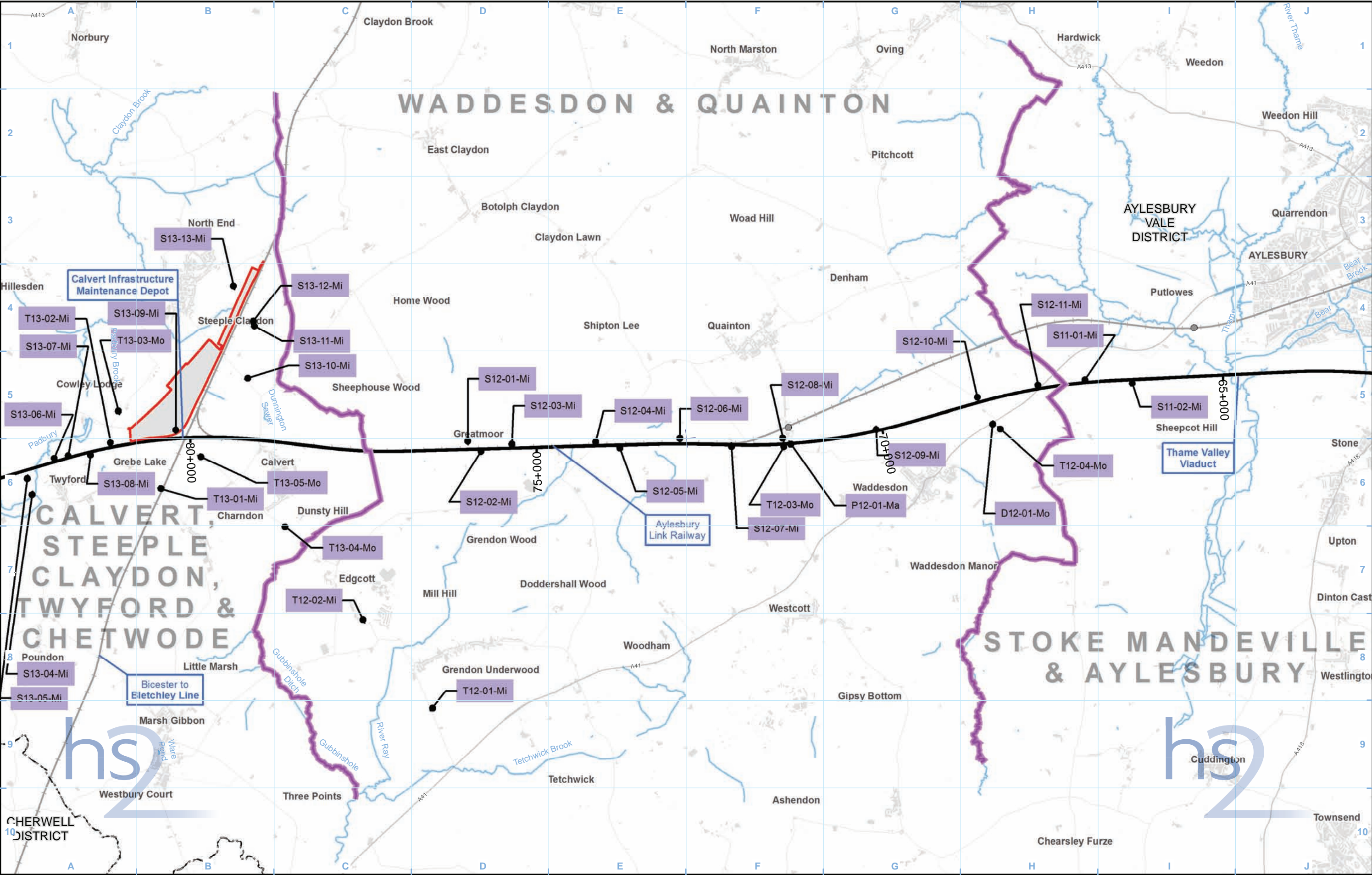
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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Operational Significant Effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-067

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA12: Waddesdon & Quainton

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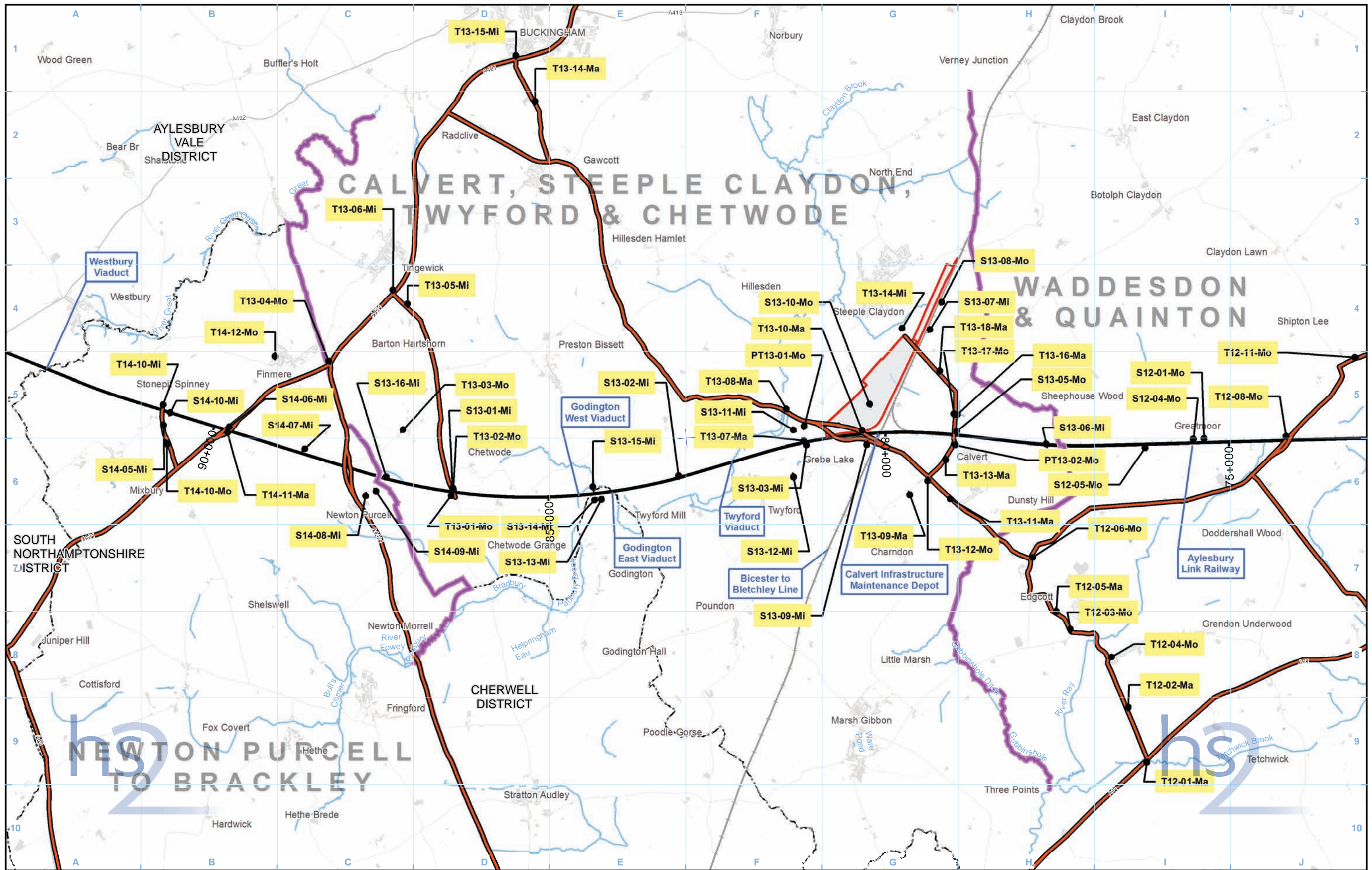
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA13 | Calvert, Steeple Claydon, Twyford and Chetwode

TR-03 - Significant Residual Transport Effects Arising during Construction and
Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingCommunity forum boundaryCounty boundaryDistrict/Borough boundaryWatercourseWater bodyWoodland	Construction Significant Effects: <ul style="list-style-type: none">Adverse-permanentAdverse-temporaryBeneficial-temporaryBeneficial-permanentConstruction Lorry Routes	Significant effects: <p>PT24-01-Mi</p> <p>Effect Level</p> <p>Feature Number</p> <p>CFA Number</p> <p>Identifier - see across</p>	Construction Effects Identifiers: <ul style="list-style-type: none">PT - Public transport delayD - Disruption at stations / interchangesT - Traffic flows and delays to vehicle occupantsP - Parking and loadingV - Vulnerable road user delays, amenity and ambienceA - Accidents and safetyS - SeveranceW - Waterways	Effect Level: <ul style="list-style-type: none">Mi - MinorMo - ModerateMa - Major	Map Number: TR-03-057	Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes	Community Forum Area CFA13: Calvert, Steeple Claydon, Twyford & Chetwode	Doc Number: C222-ATK-EV-MAP-020-000307-P06	Date: 05/11/13
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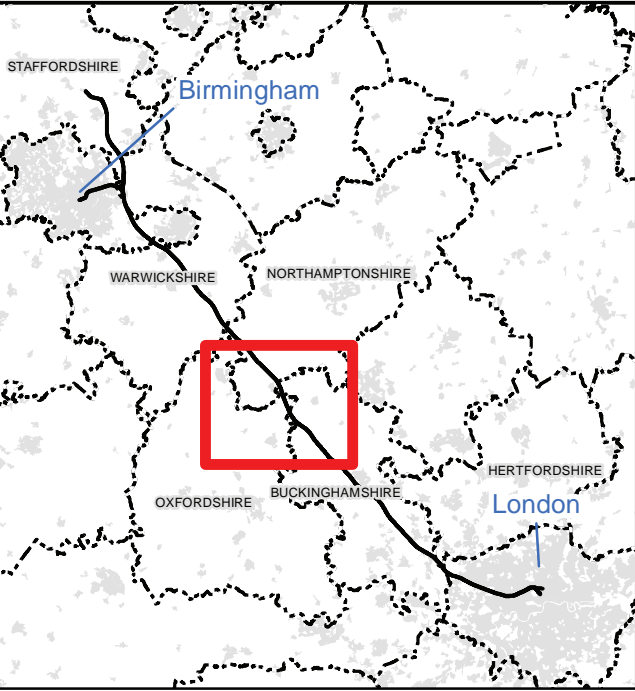
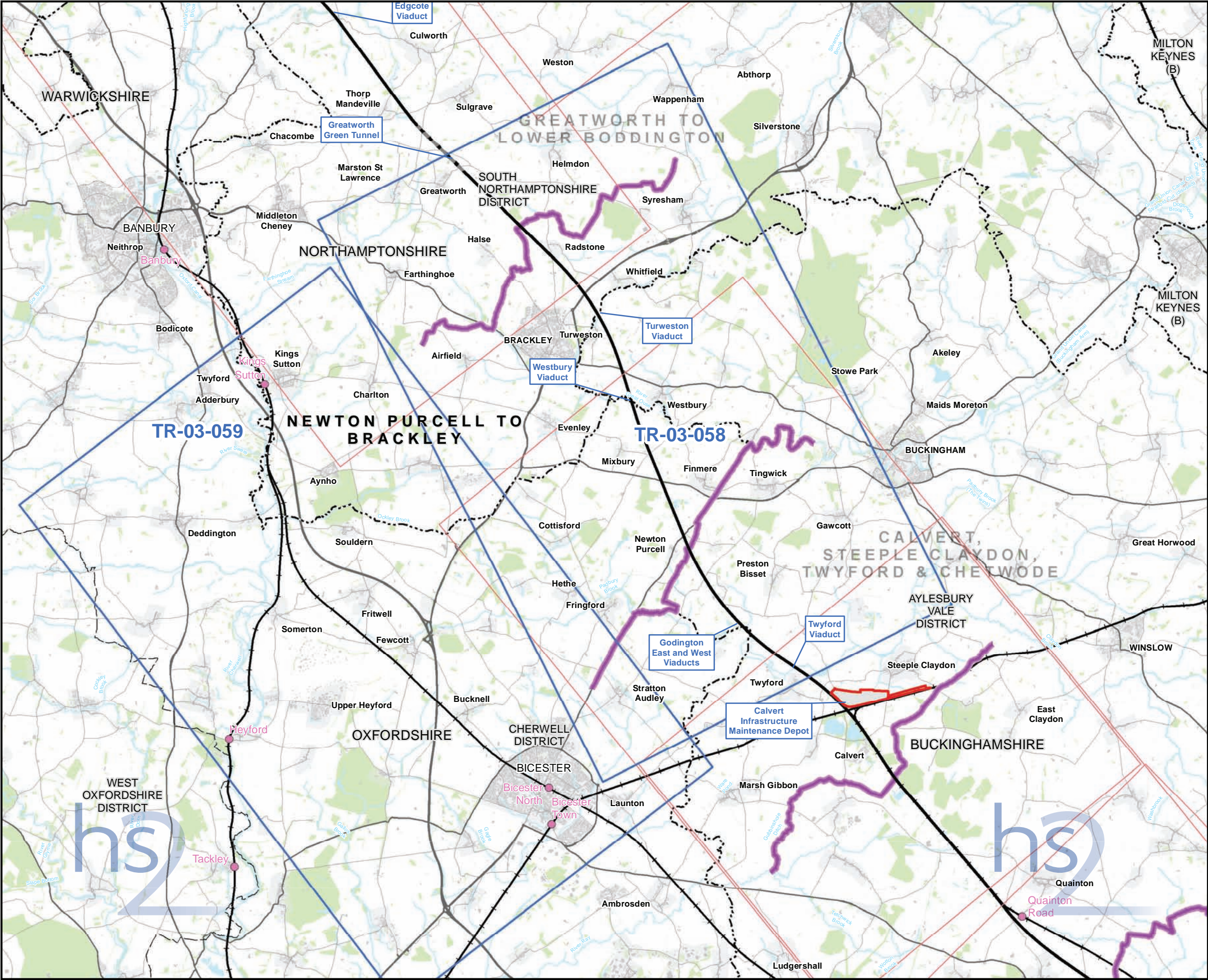
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA14 | Newton Purcell to Brackley

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA.

The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Main Map Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Map sheets not included in this community forum

Map Number

TR-03-INDEX-CFA14

Map Name

Index Map of:
Significant Residual Transport Effects Arising during
Construction and Construction Lorry Routes

Community Forum Area CFA14:
Newton Purcell to Brackley

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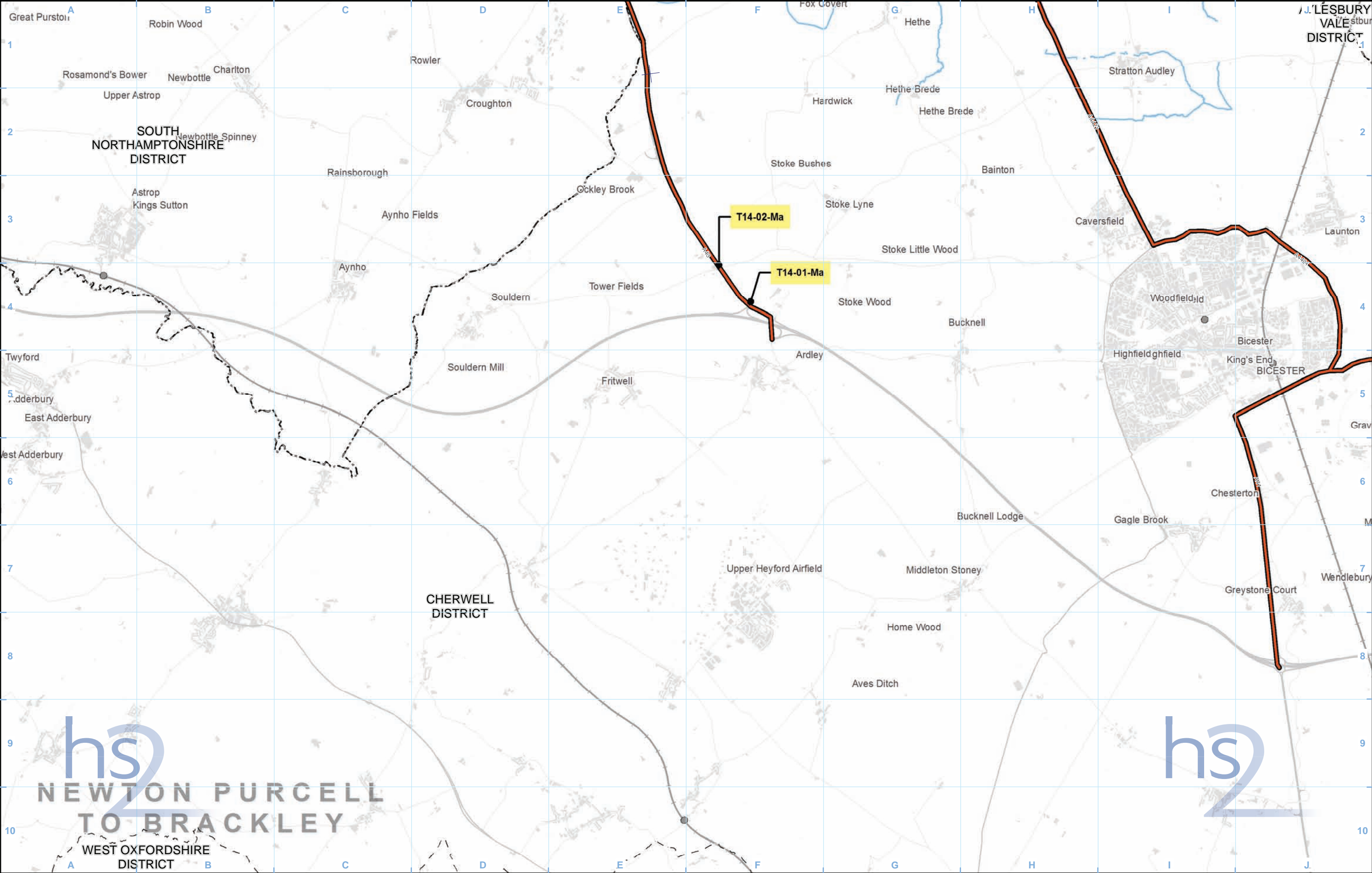
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Date: 25/10/13



Legend Route in tunnel Route on surface Depot, station, headhouse or portal building Community forum boundary County boundary District/Borough boundary	Watercourse Water body Woodland	Construction Significant Effects: Adverse-permanent Adverse-temporary Beneficial-temporary Beneficial-permanent Construction Lorry Routes	Significant effects: PT24-01-Mi Effect Level Feature Number CFA Number Identifier - see across	Construction Effects Identifiers: PT - Public transport delay D - Disruption at stations / interchanges T - Traffic flows and delays to vehicle occupants P - Parking and loading V - Vulnerable road user delays, amenity and ambience A - Accidents and safety S - Severance W - Waterways	Effect Level: Mi - Minor Mo - Moderate Ma - Major	Map Number TR-03-059	Map Name Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes Community Forum Area CFA14: Newton Purcell to Brackley	hs2 Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU. © Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190. Doc Number: C252-ETM-EV-MAP-020-000309-P06	 Scale at A3: 1:50,000 0 500 1,000 1,500 2,000 Metres Date: 05/11/13
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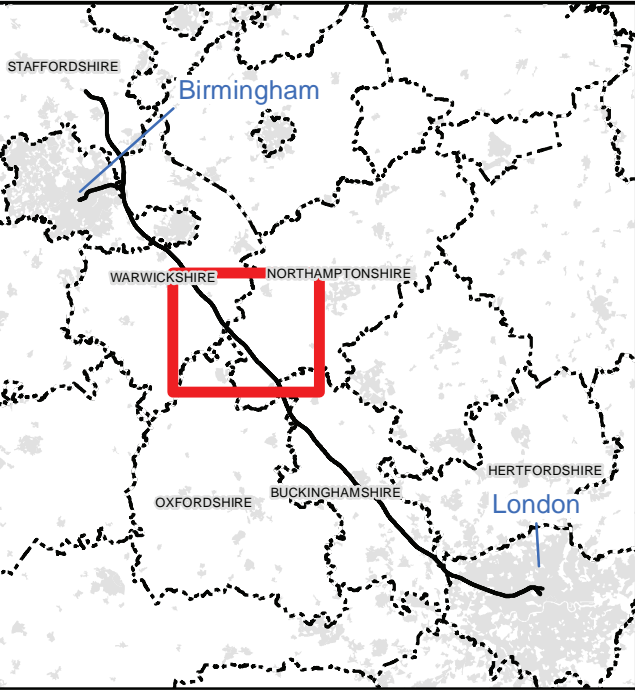
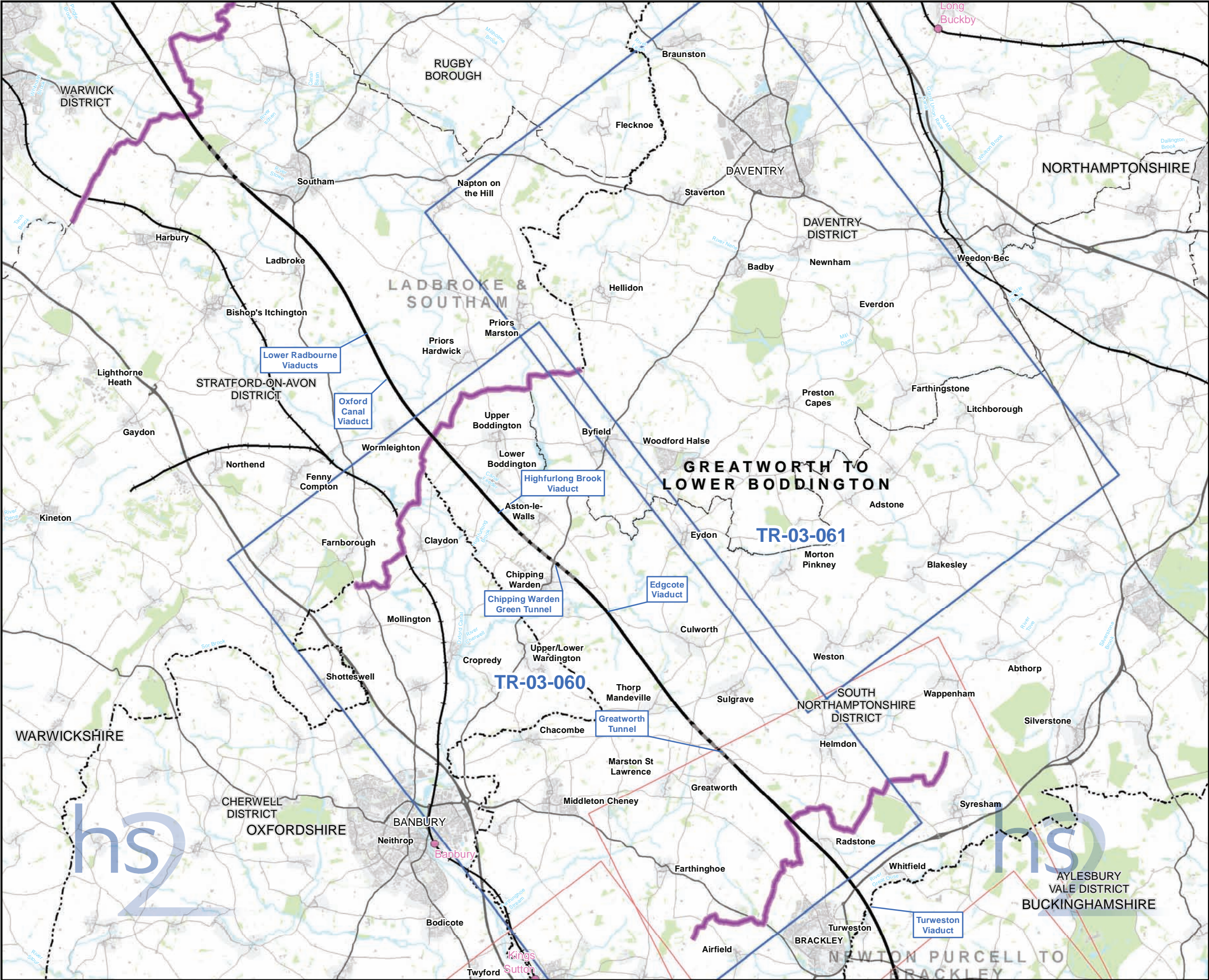
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA15 | Greatworth to Lower Boddington

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA.

The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

Existing railway station

County boundary

District/Borough boundary

Map sheets included in this community forum

Map sheets not included in this community forum

Map Number

Map Name

Community Forum Area CFA15: Greatworth to Lower Boddington

Map Number

Map Name

Community Forum Area CFA15: Greatworth to Lower Boddington

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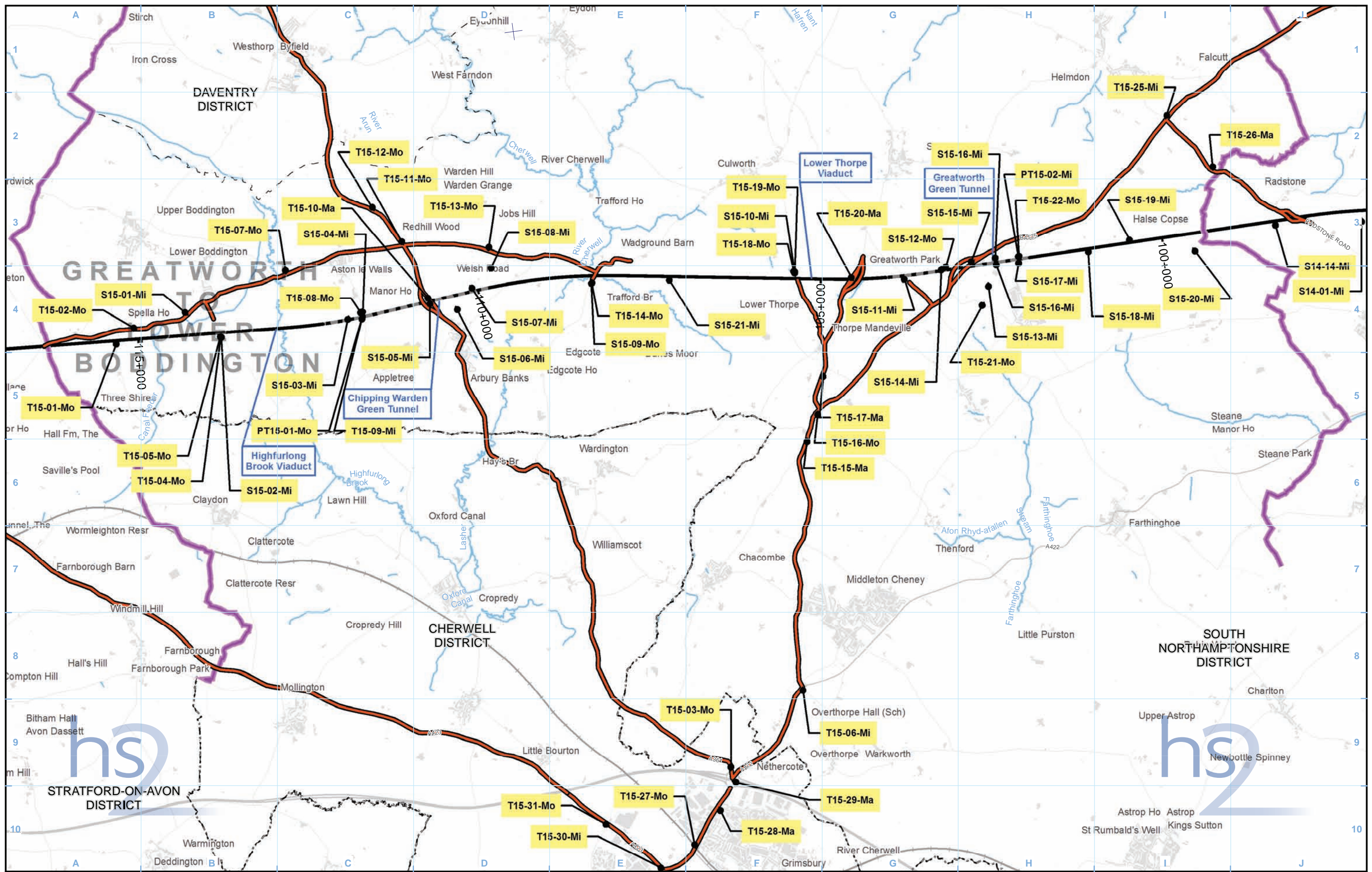
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Date: 25/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction Significant Effects:

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent
- Construction Lorry Routes

Significant effects:

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-060

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA15: Greatworth to Lower Boddington South

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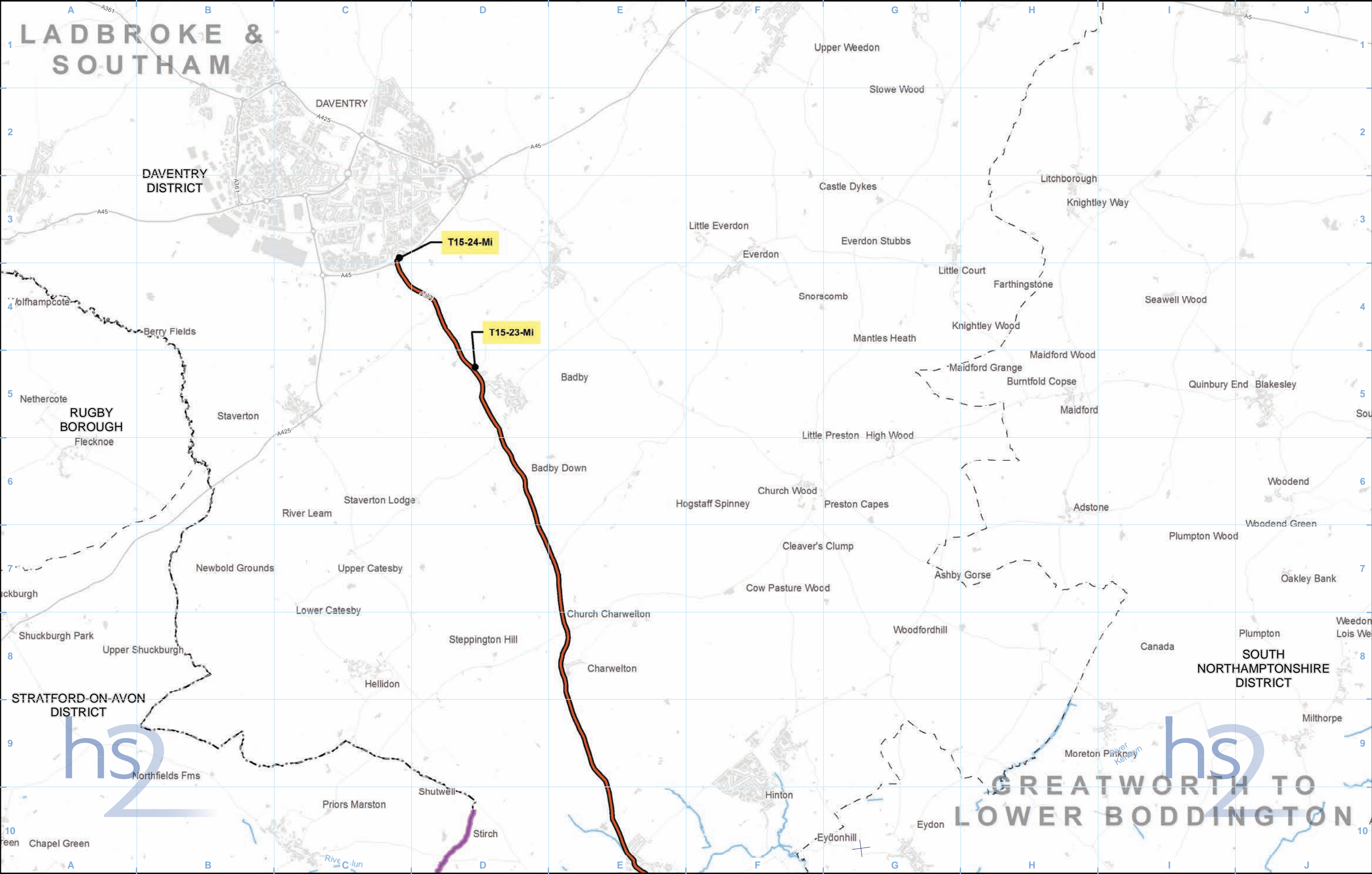
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Doc Number: C222-ATK-EV-MAP-020-000310-P07

Date: 05/11/13

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0 500 1,000 1,500 2,000 Metres



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction Lorry Routes

PT24-01-Mi

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-061

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA15: Greatworth to Lower Boddington

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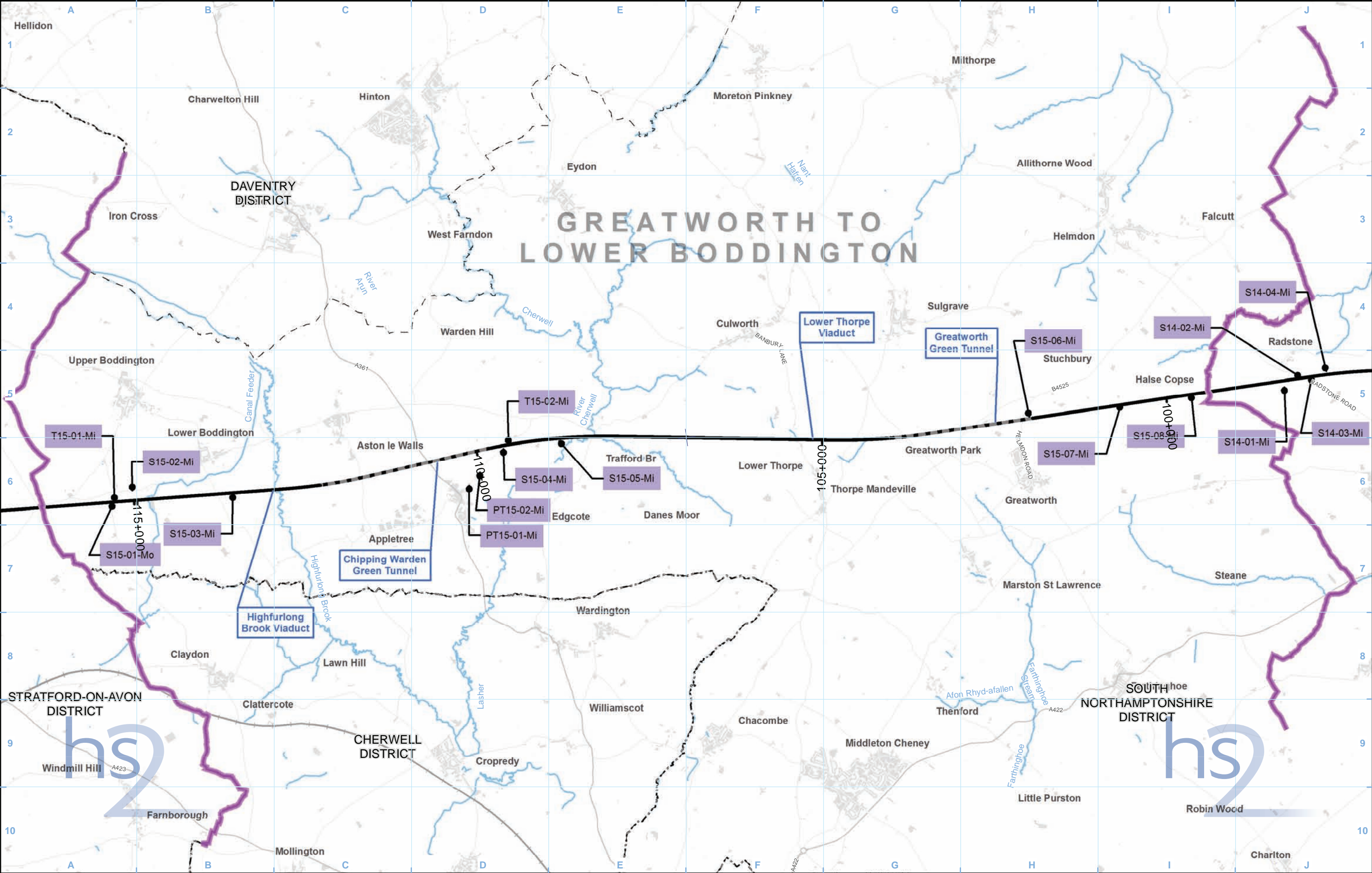
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2,000

Metres

Doc Number: C252-ETM-EV-MAP-020-000311-P07

Date: 05/11/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Operational Significant Effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number: TR-04-070

Map Name: Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA15: Greatworth to Lower Boddington

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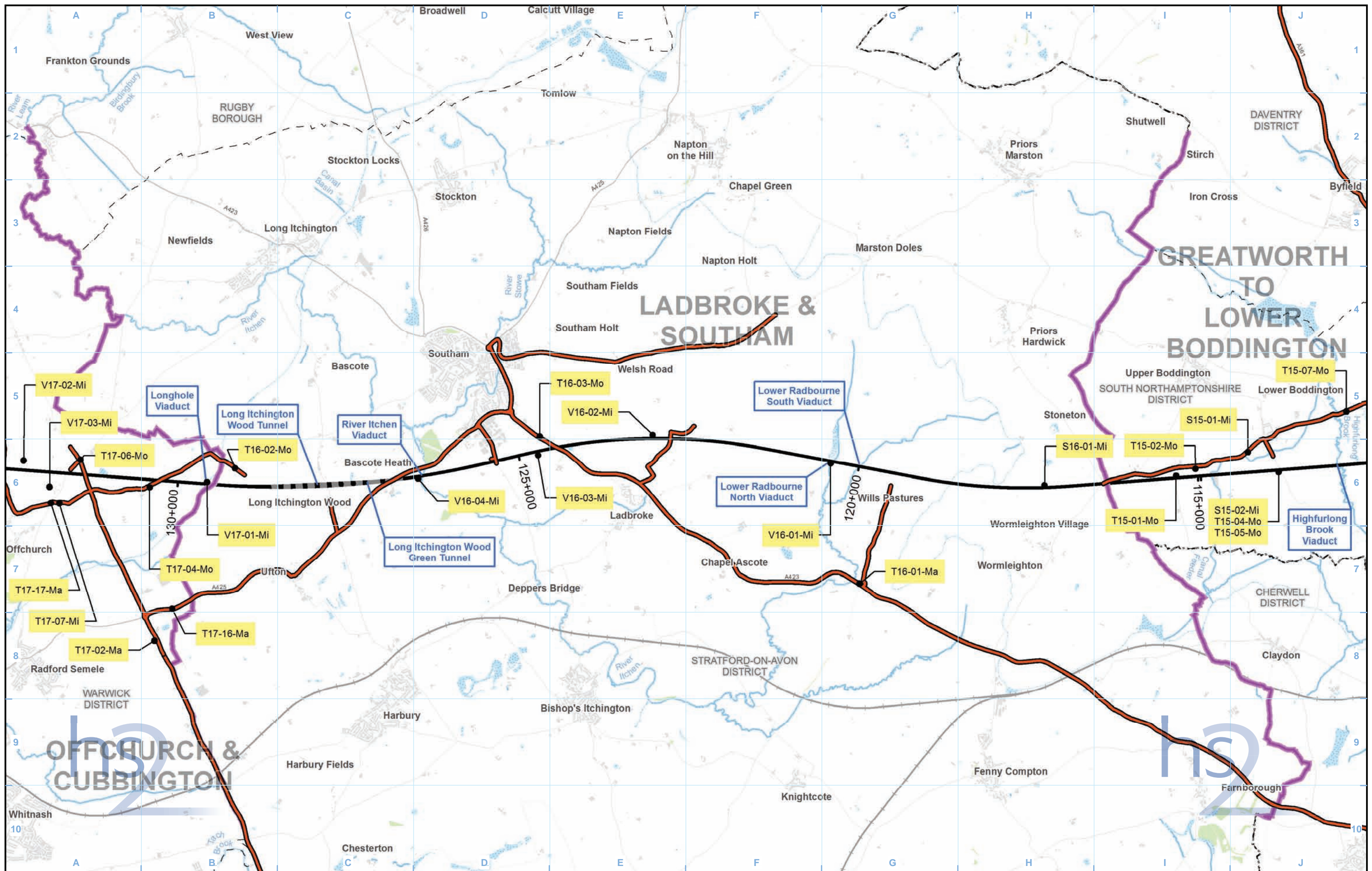
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA16 | Ladbroke and Southam

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Construction significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent
 - Construction lorry routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-101

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA16: Ladbroke & Southam

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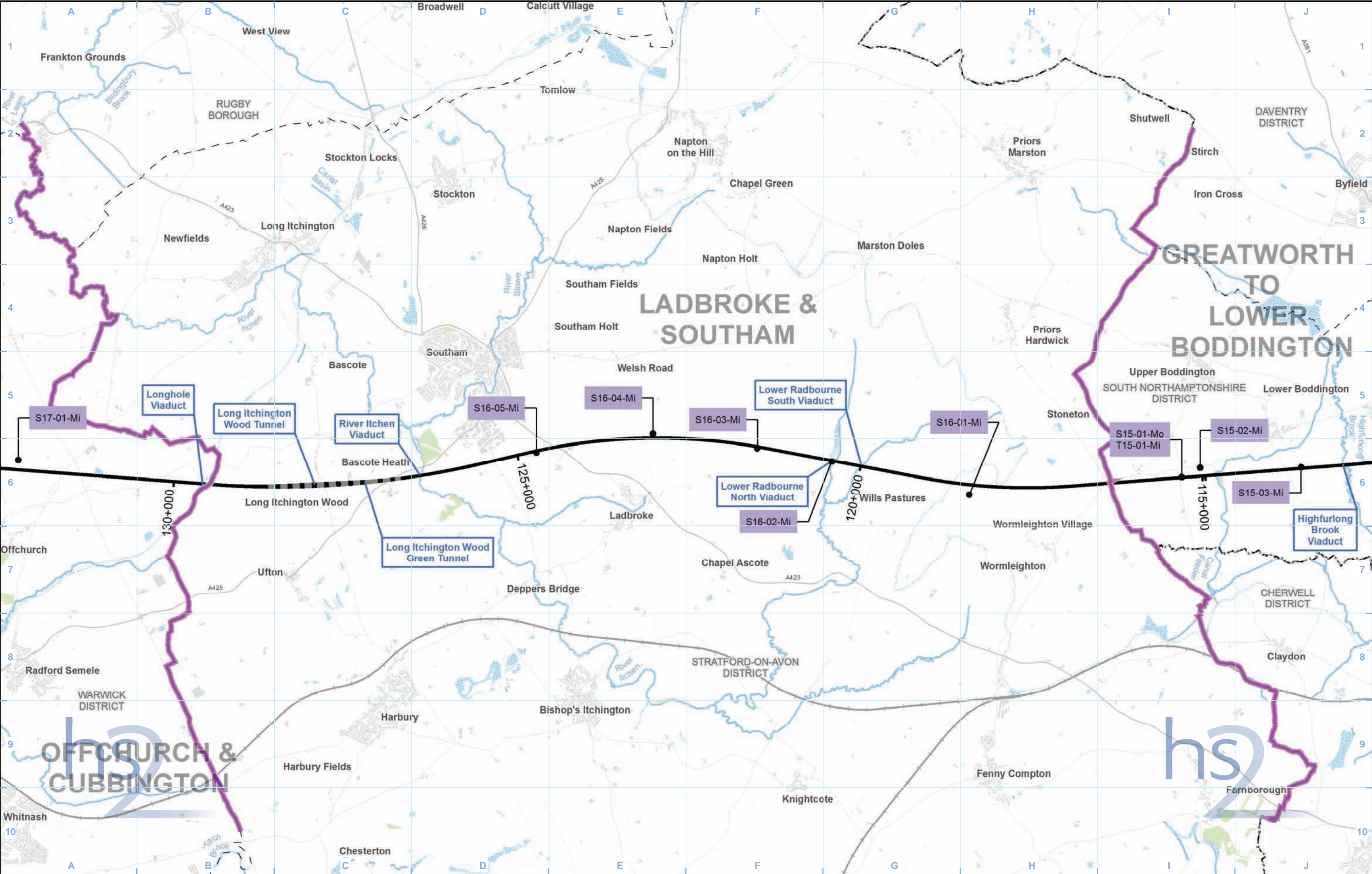
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Date: 30/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Operational significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number: TR-04-101

Map Name: Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA16: Ladbroke & Southam

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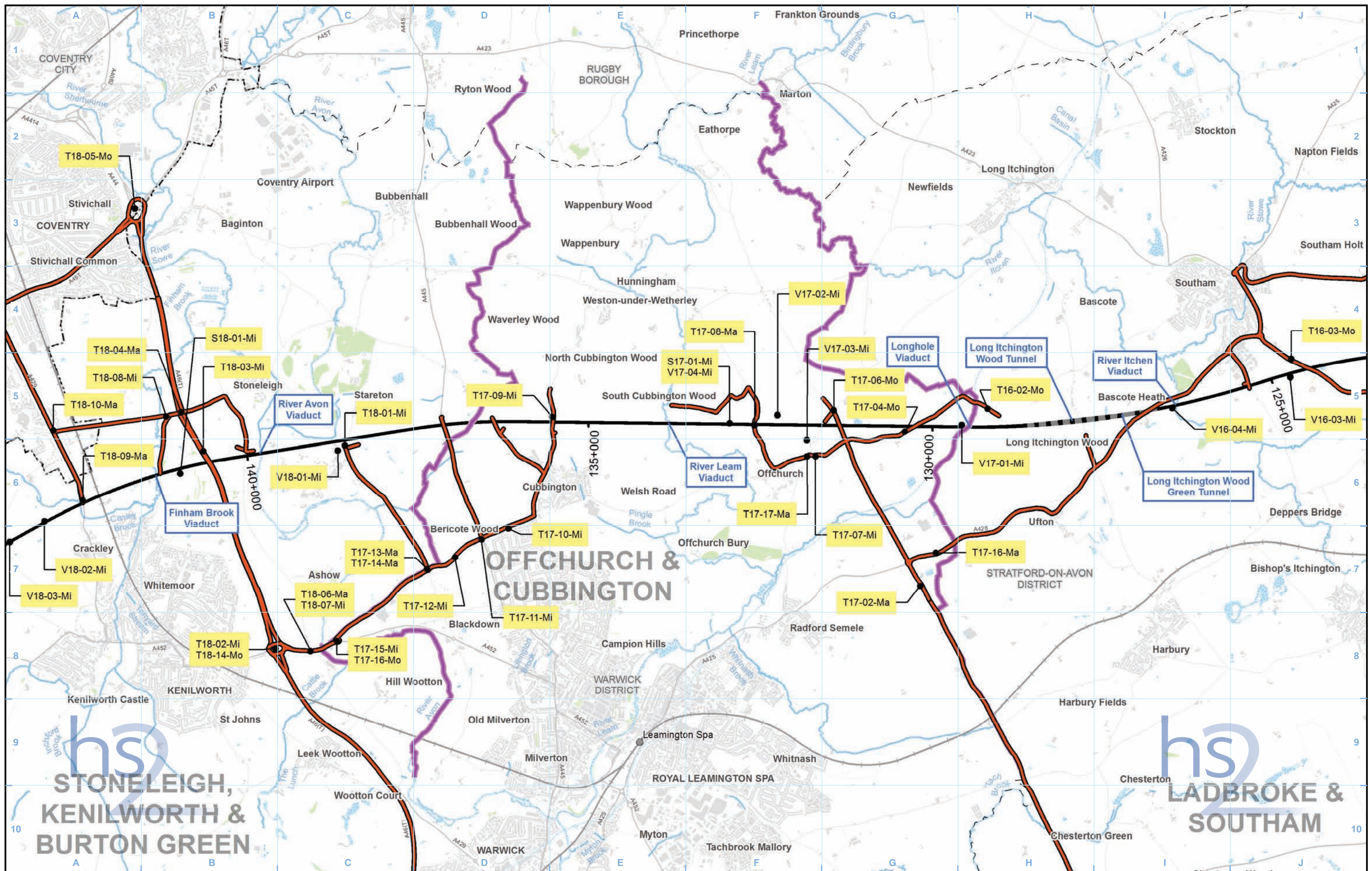
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA17 | Offchurch and Cubbington

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction lorry routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-102

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA17: Offchurch & Cubbington

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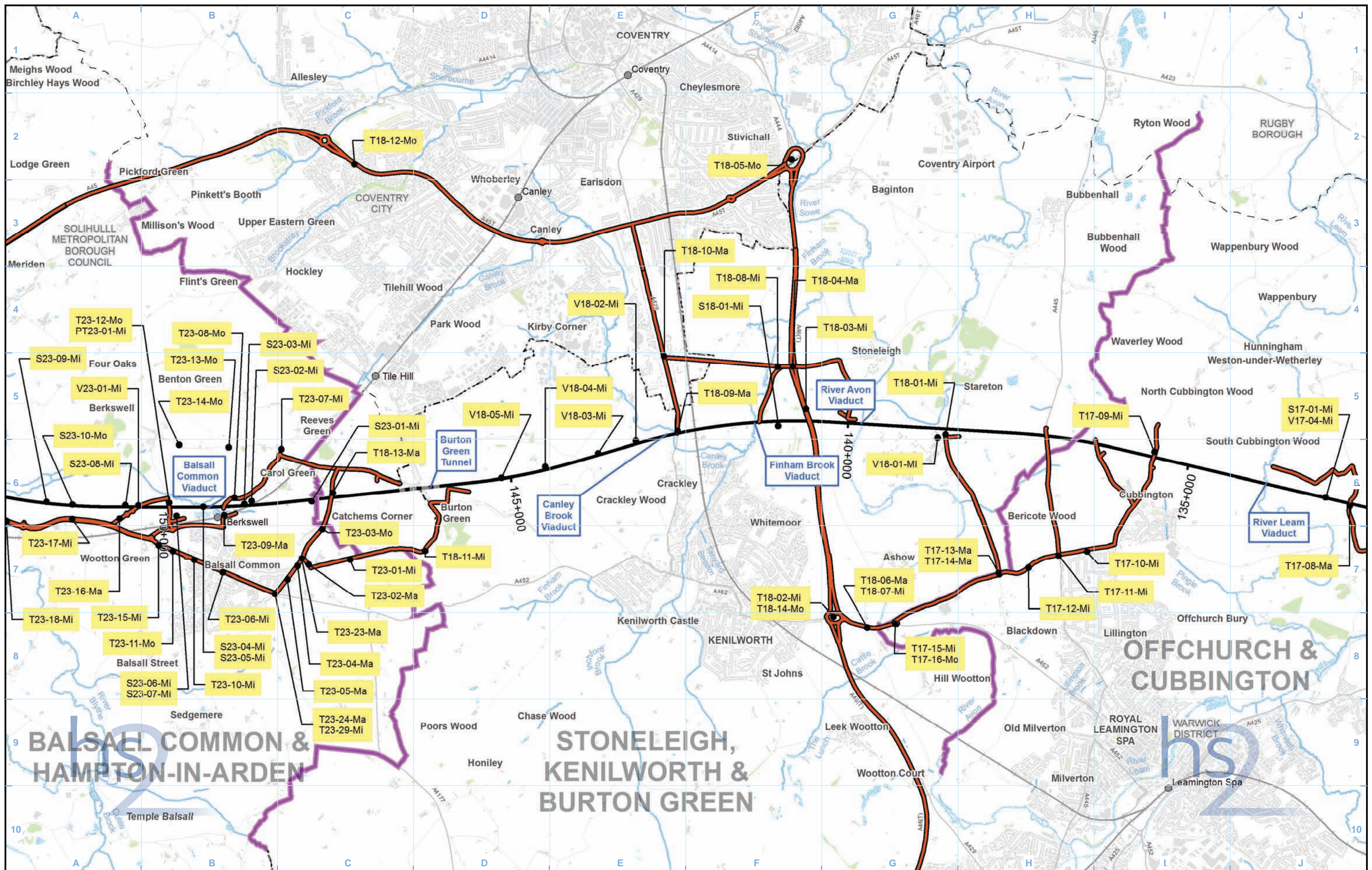
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

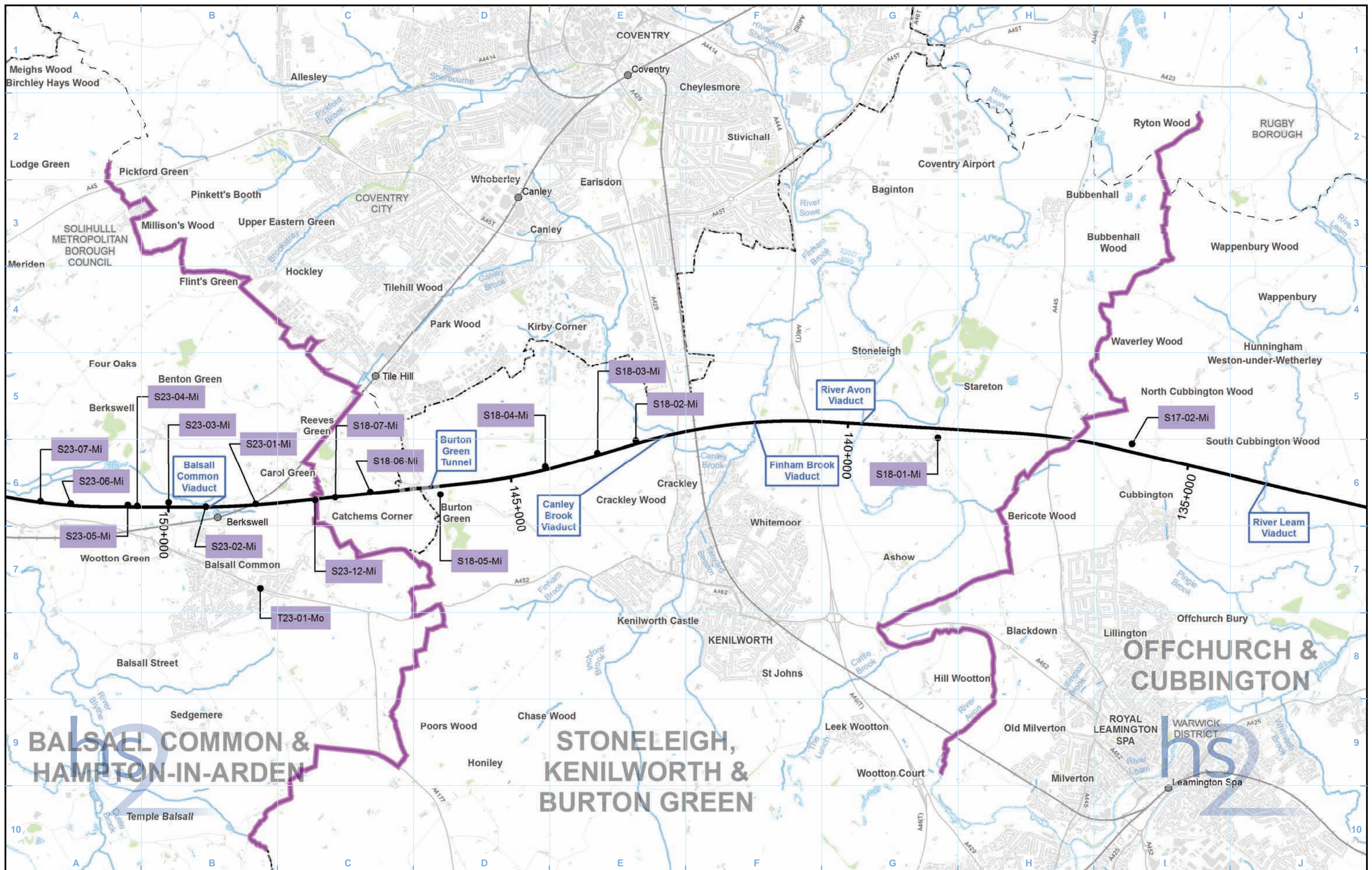
CFA18 | Stoneleigh, Kenilworth and Burton Green

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingCommunity forum boundaryCounty boundaryDistrict/Borough boundaryWatercourseWater bodyWoodlandConstruction significant effects<ul style="list-style-type: none">Adverse-permanentAdverse-temporaryBeneficial-temporaryBeneficial-permanentConstruction lorry routes	Significant effects reference <p>PT24-01-Ma</p> <p>Effect Level</p> <p>Feature Number</p> <p>CFA Number</p> <p>Identifier - see across</p>	Construction effects identifiers: <p>PT - Public transport delay</p> <p>D - Disruption at stations / interchanges</p> <p>T - Traffic flows and delays to vehicle occupants</p> <p>P - Parking and loading</p> <p>V - Vulnerable road user delays, amenity and ambience</p> <p>A - Accidents and safety</p> <p>S - Severance</p> <p>W - Waterways</p>	Effect level: <p>Mi - Minor</p> <p>Mo - Moderate</p> <p>Ma - Major</p>	Map Number <p>TR-03-103</p> Map Name <p>Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes</p> <p>Community Forum Area CFA18: Stoneleigh, Kenilworth & Burton Green</p>	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</p> <p>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C223-CSI-EV-MAP-030-000133-P06.00</p> <p>Date: 30/10/13</p> <p>Scale at A3: 1:50,000</p> <p>0 500 1,000 1,500 2,000 Metres</p>
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Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-103

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA18:

Stoneleigh, Kenilworth & Burton Green

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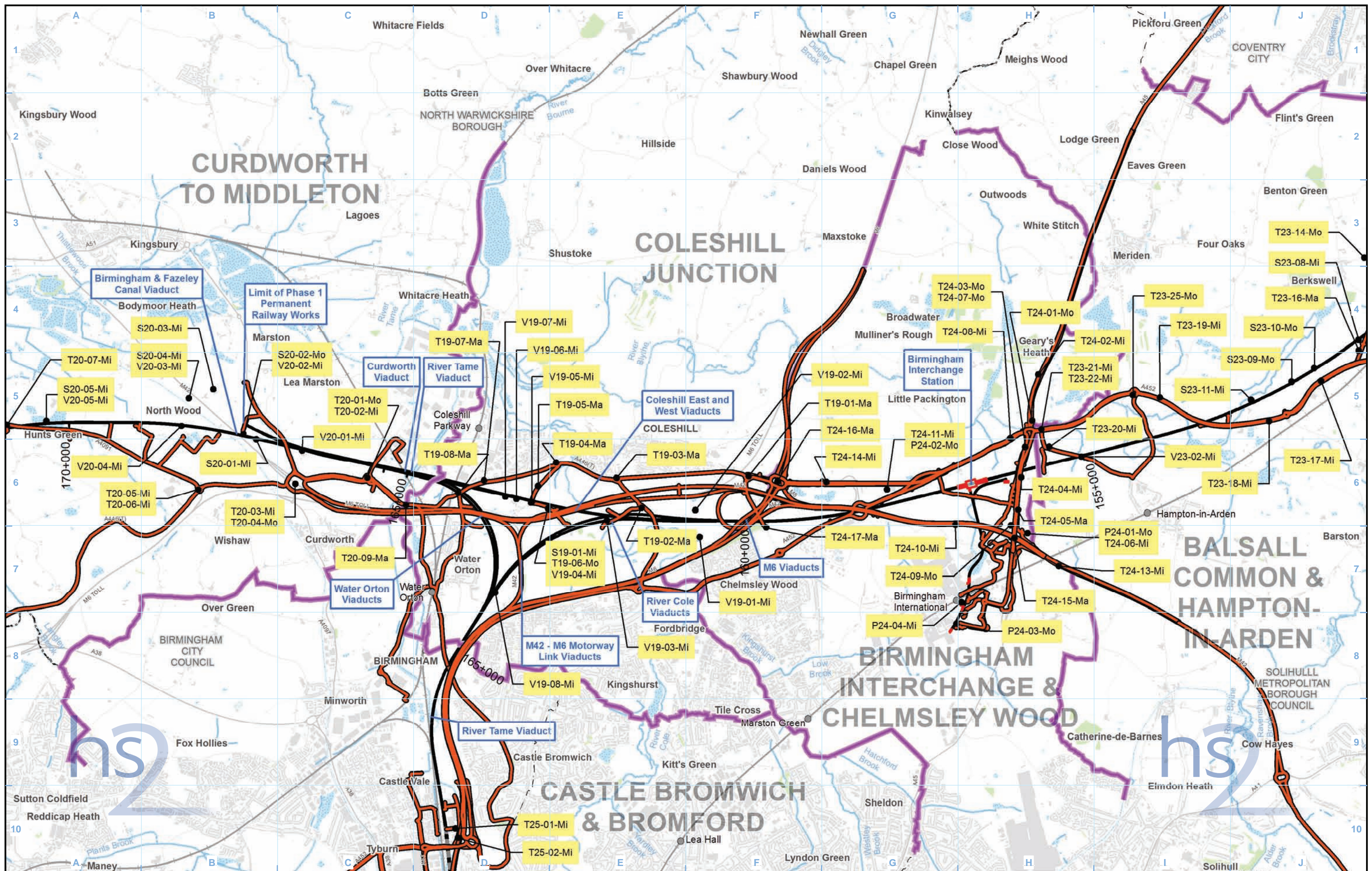
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA19 | Coleshill Junction

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Construction significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Construction lorry routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-104

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA19: Coleshill Junction

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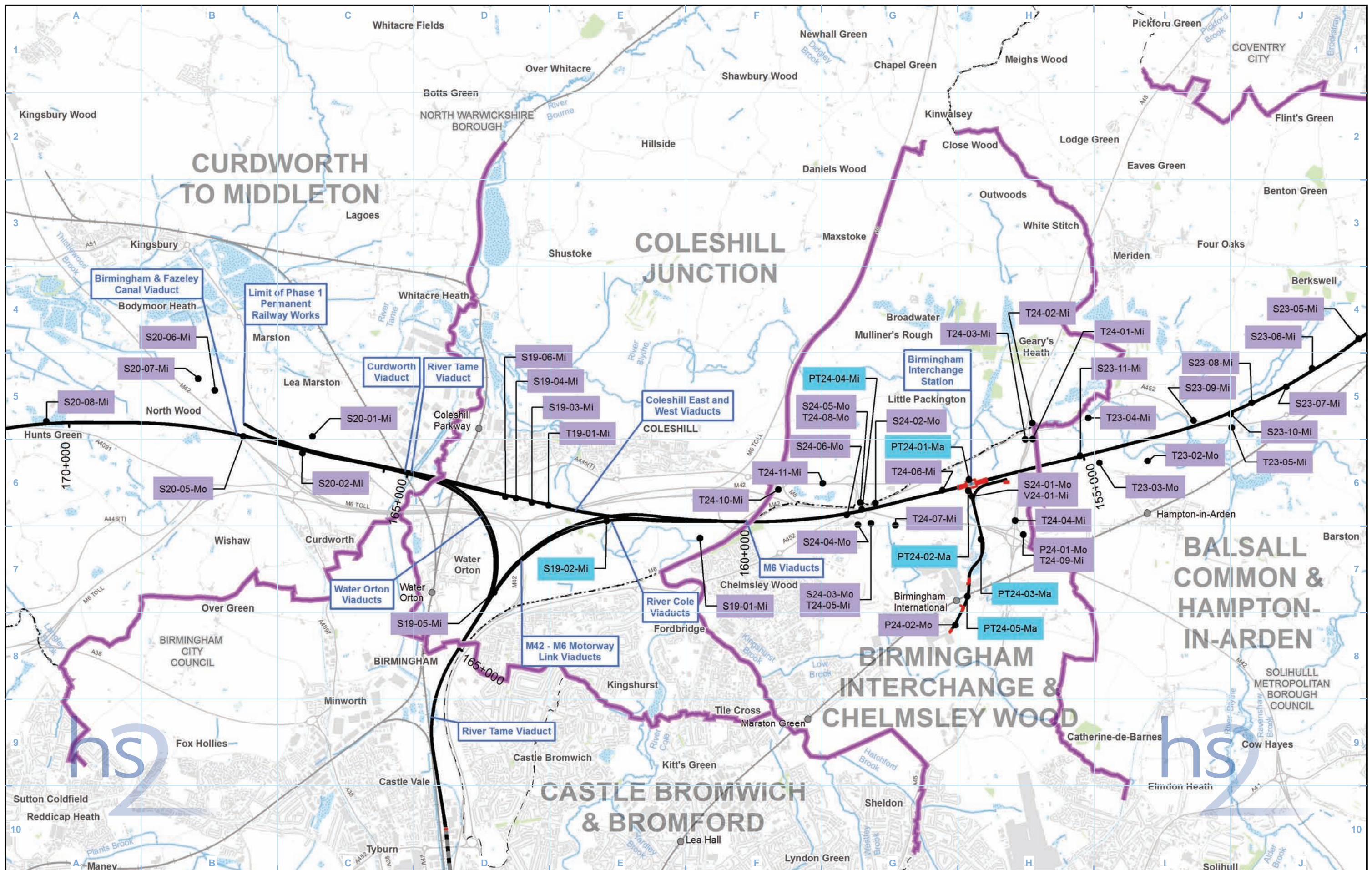
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Date: 30/10/13

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Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-104

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA19: Coleshill Junction

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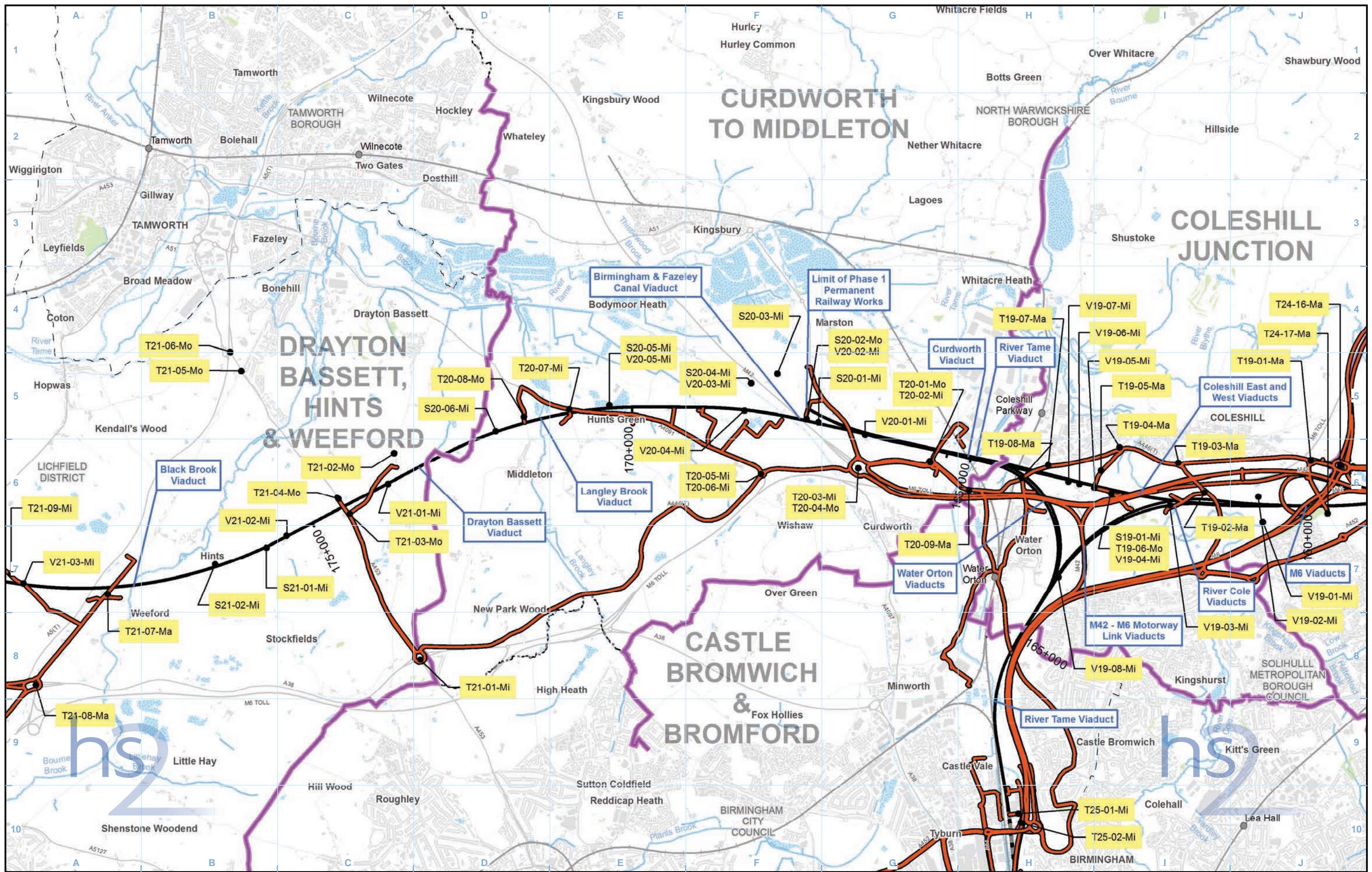
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA20 | Curdworth to Middleton

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland
- Construction significant effects
 - Adverse-permanent
 - Adverse-temporary
 - Beneficial-temporary
 - Beneficial-permanent
 - Construction lorry routes

Significant effects reference

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction effects identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number: TR-03-105

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA20: Curdworth to Middleton

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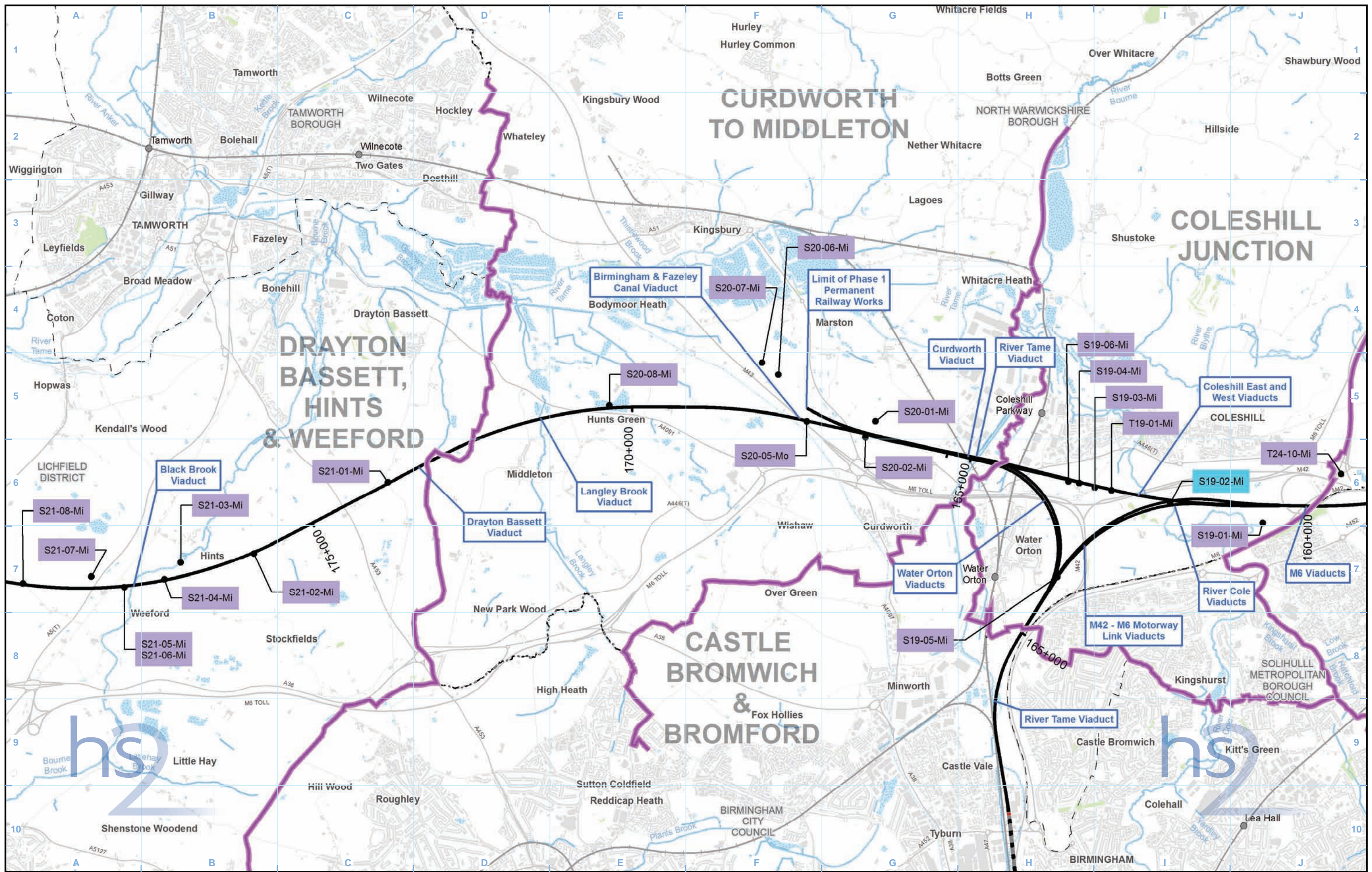
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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

Watercourse

Water body

Woodland

Operational significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-105

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA20:

Curdworth to Middleton

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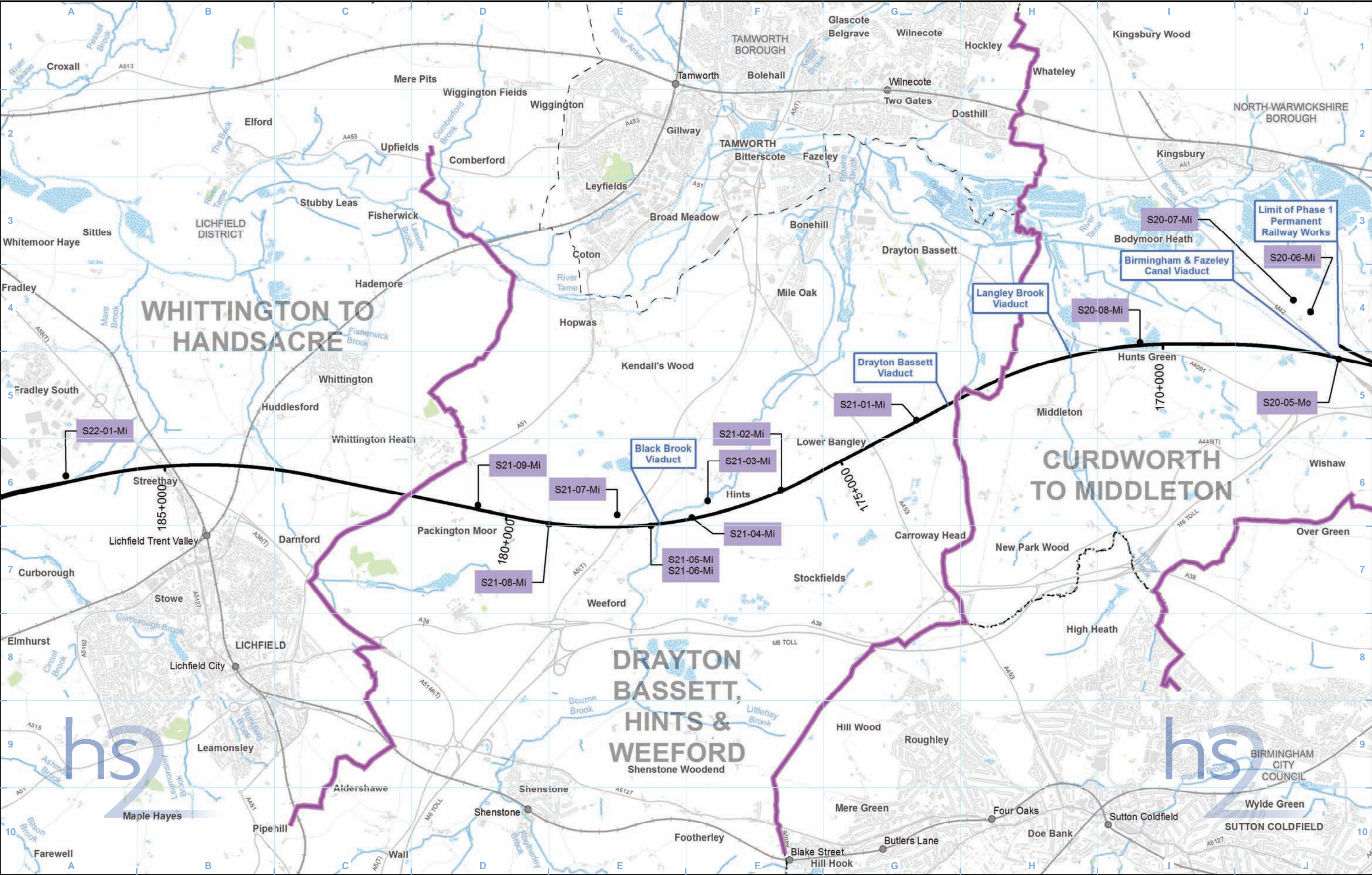
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA21 | Drayton Bassett, Hints and Weeford

TR-03 - Significant Residual Transport Effects Arising during Construction and
Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



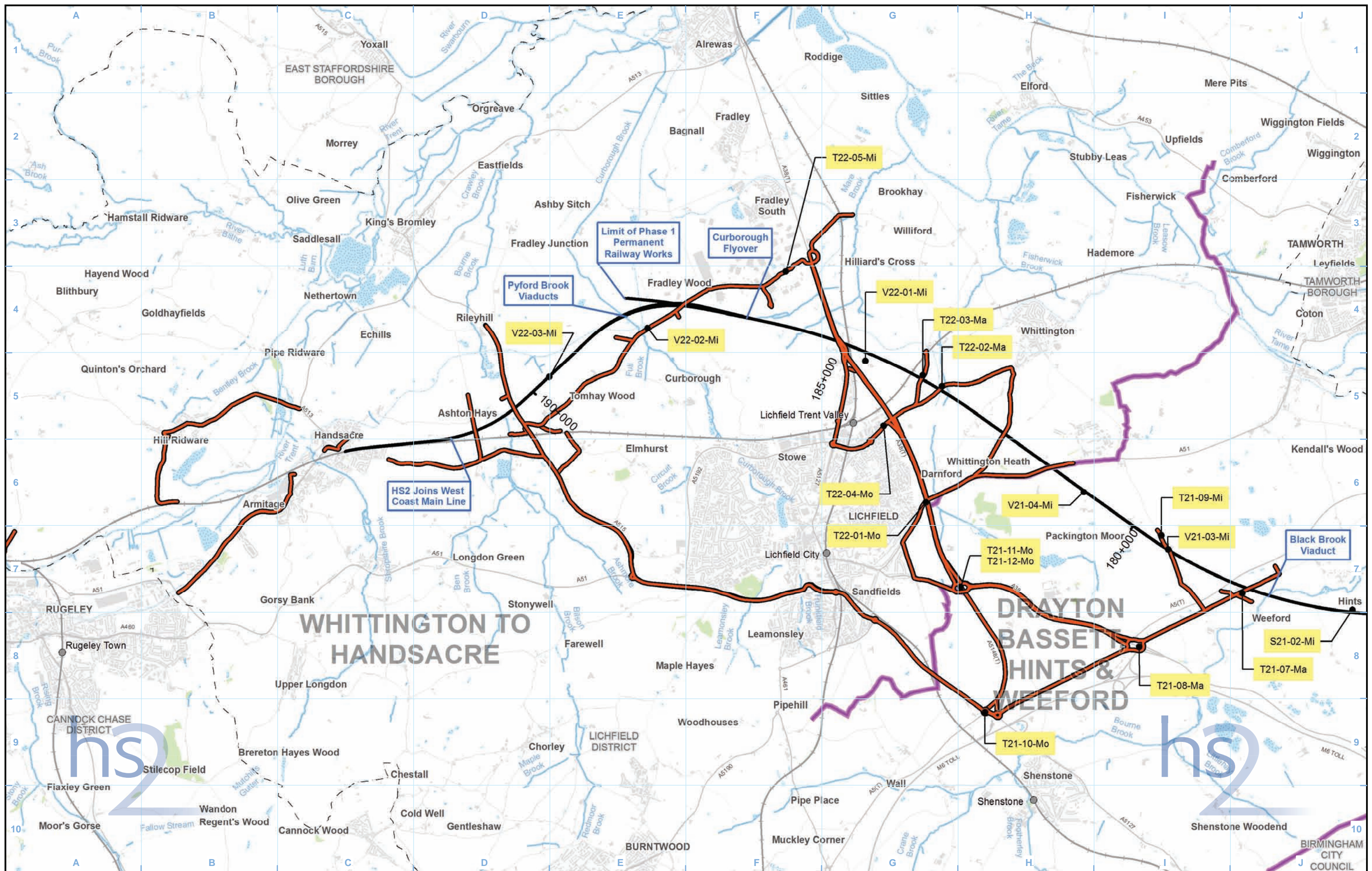
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

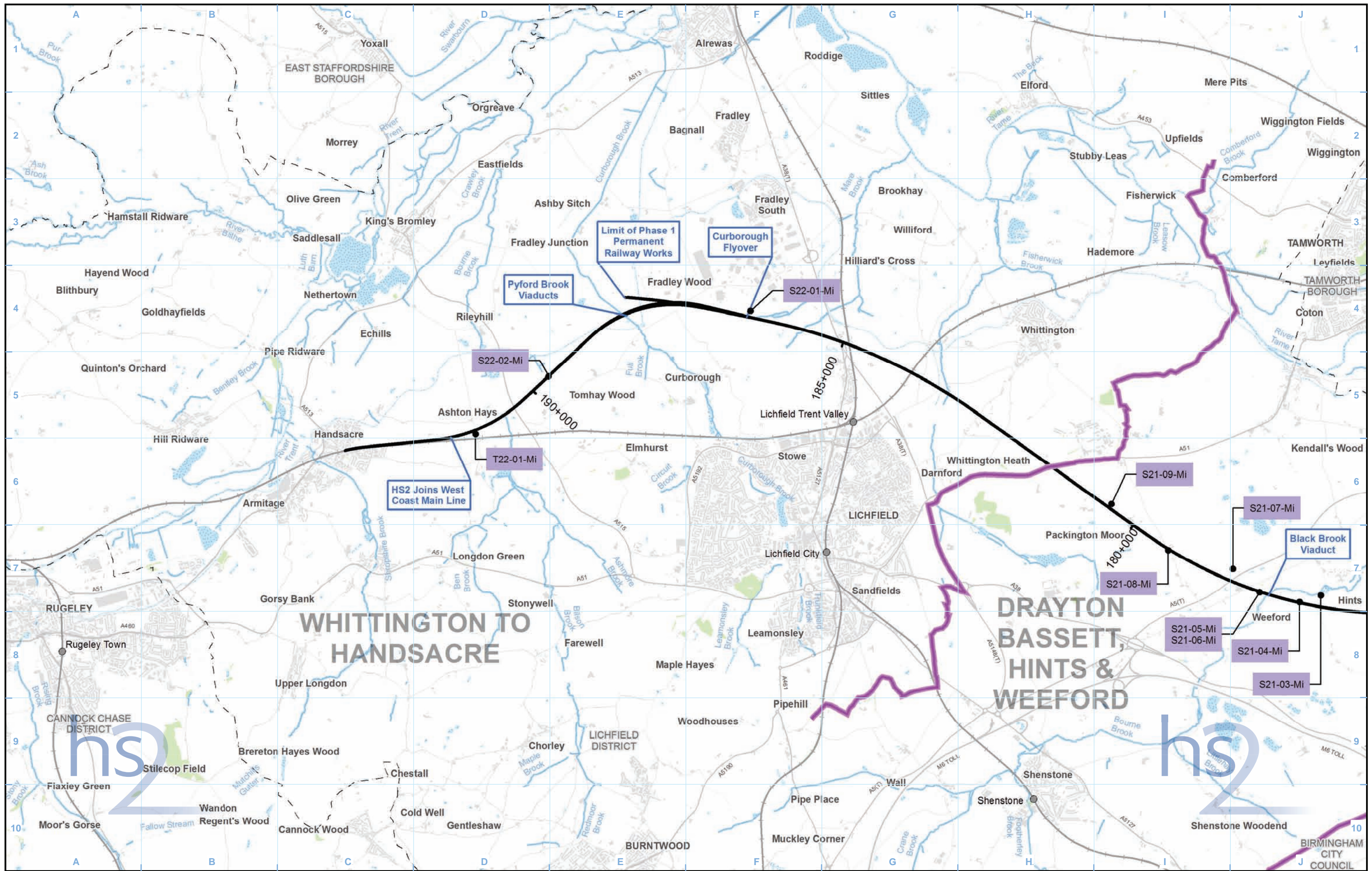
CFA22 | Whittington to Handsacre

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingCommunity forum boundaryCounty boundaryDistrict/Borough boundary	<ul style="list-style-type: none">WatercourseWater bodyWoodland	Construction significant effects <ul style="list-style-type: none">Adverse-permanentAdverse-temporaryBeneficial-temporaryBeneficial-permanentConstruction lorry routes	Significant effects reference <p>PT24-01-Ma</p> <p>Effect Level</p> <p>Feature Number</p> <p>CFA Number</p> <p>Identifier - see across</p>	Construction effects identifiers: <p>PT - Public transport delay</p> <p>D - Disruption at stations / interchanges</p> <p>T - Traffic flows and delays to vehicle occupants</p> <p>P - Parking and loading</p> <p>V - Vulnerable road user delays, amenity and ambience</p> <p>A - Accidents and safety</p> <p>S - Severance</p> <p>W - Waterways</p>	Effect level: <p>Mi - Minor</p> <p>Mo - Moderate</p> <p>Ma - Major</p>	Map Number <p>TR-03-107</p> Map Name <p>Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes</p> <p>Community Forum Area CFA22: Whittington to Handsacre</p>	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</p> <p>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C223-CSI-EV-MAP-030-000137-P06.00</p> <p>Date: 30/10/13</p>
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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Operational significant effects

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Significant effects reference

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational effects identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-107

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA22: Whittington to Handsacre

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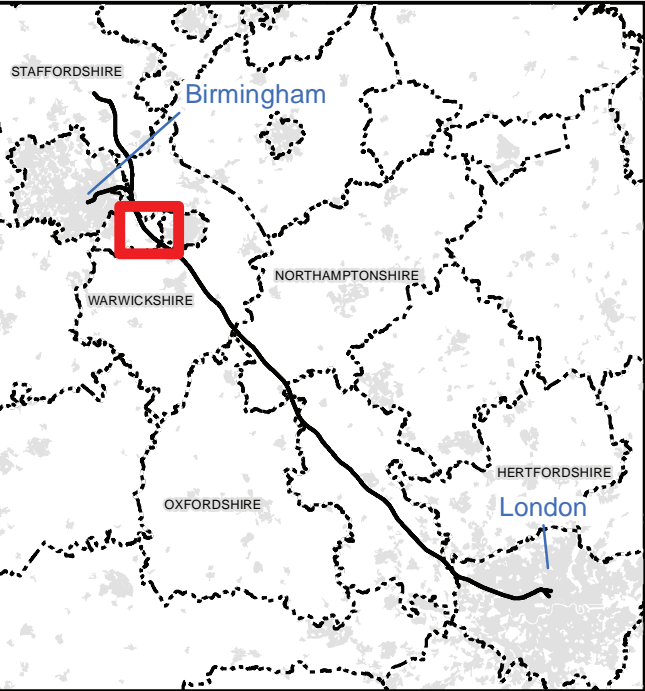
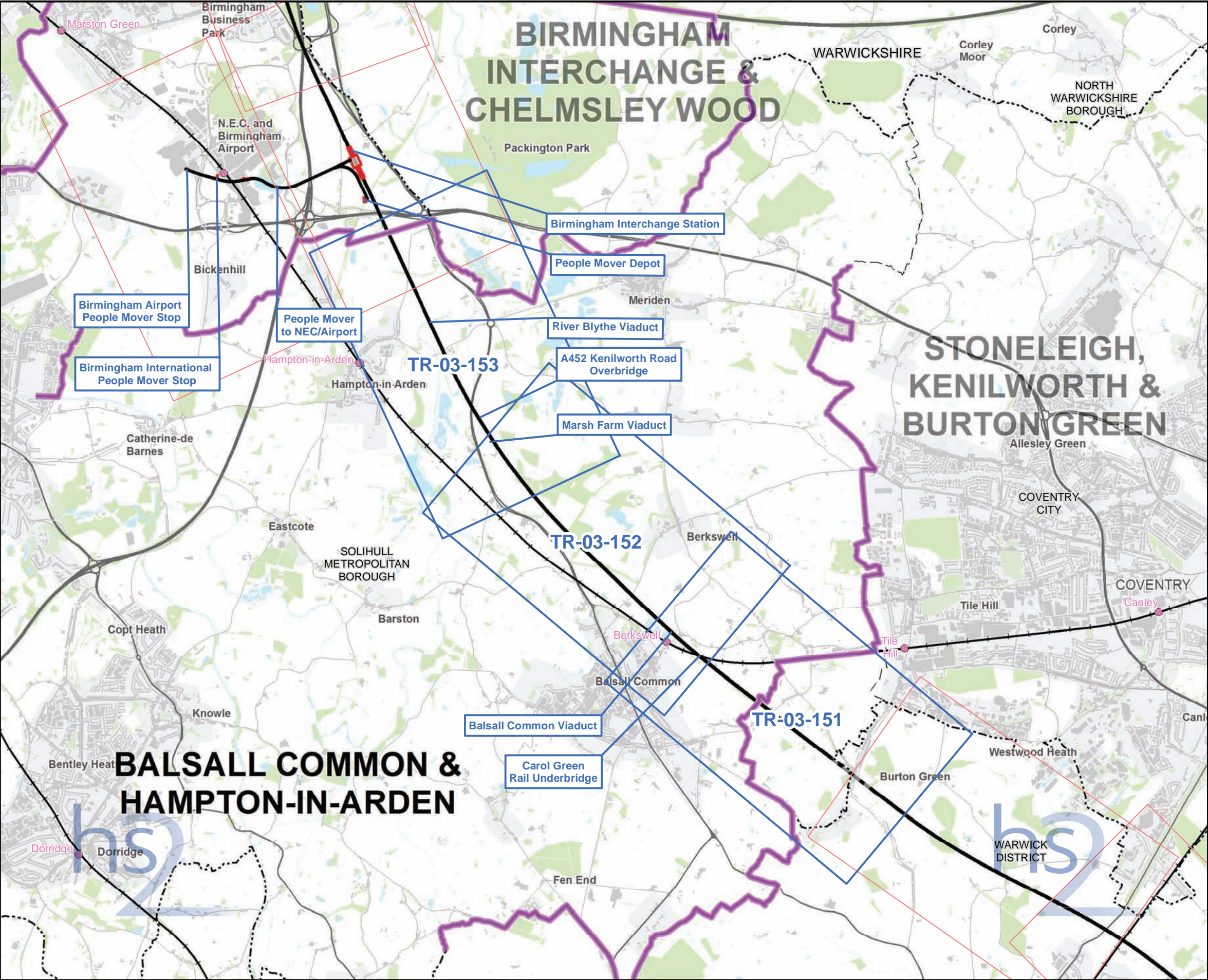
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA23 | Balsall Common and Hampton-in-Arden

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number TR-03-INDEX-CFA23

Map Name Index Map of:
Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA23:
Balsall Common & Hampton-in-Arden



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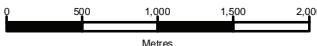
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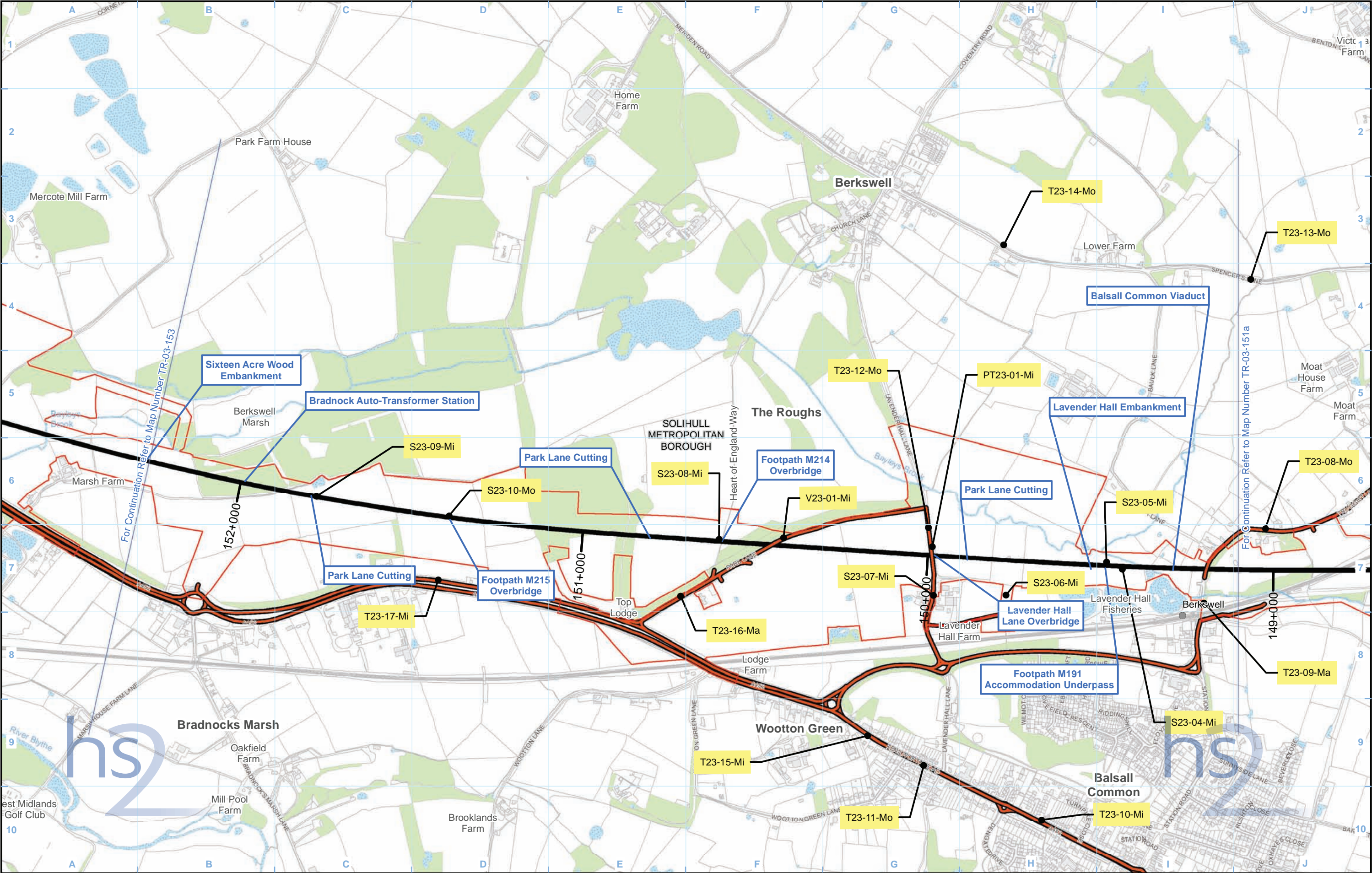
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Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

CFA Number

Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-152

Map Name

Significant Residual Transport Effects

Arising during Construction and

Construction Lorry Routes

Community Forum Area CFA23:

Balsall Common & Hampton in Arden

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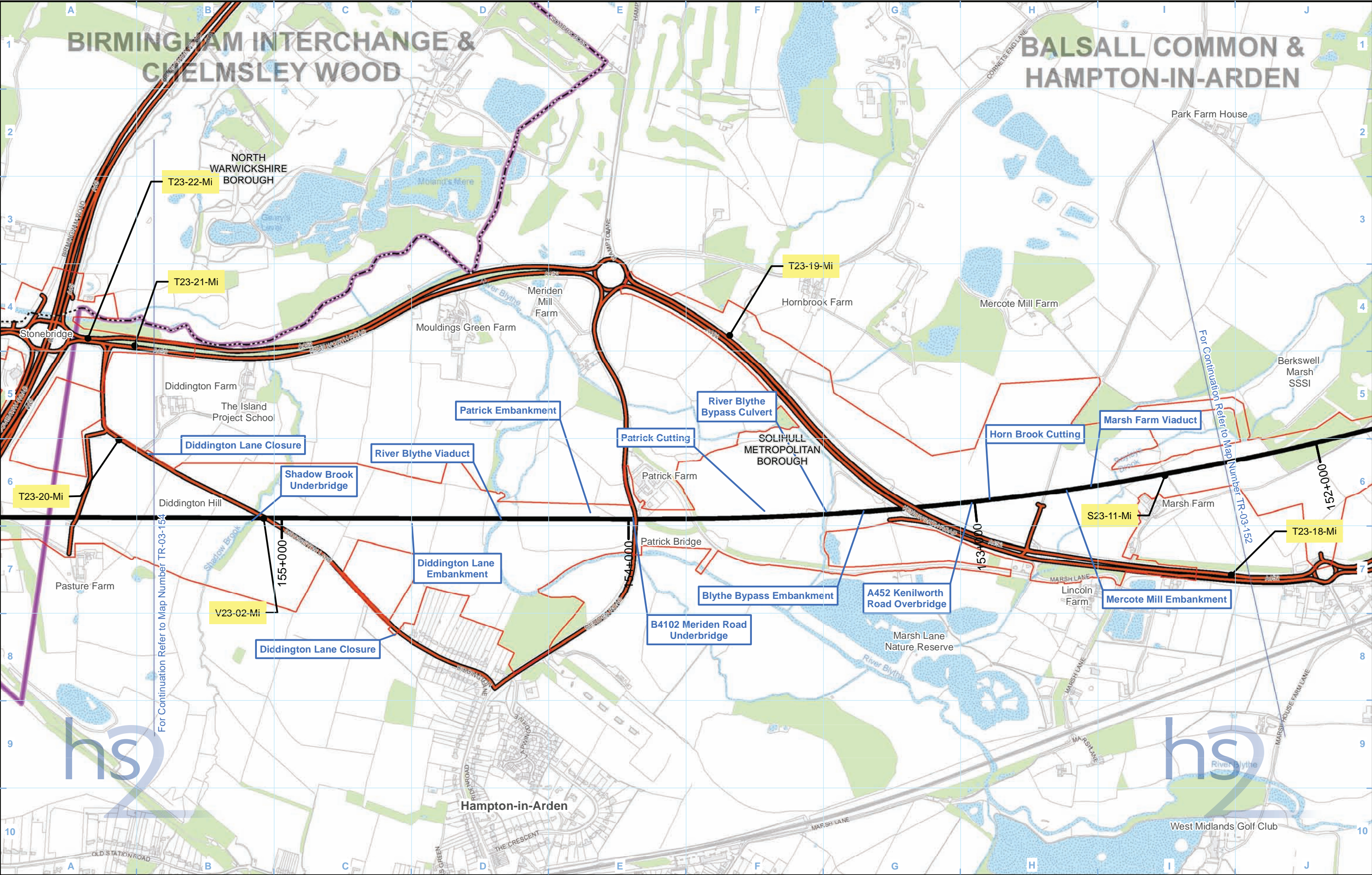
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Doc Number: C224-ARP-EV-MAP-040-113152 P06.00

Scale at A3: 1:10,000

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Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-153

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA23: Balsall Common & Hampton in Arden

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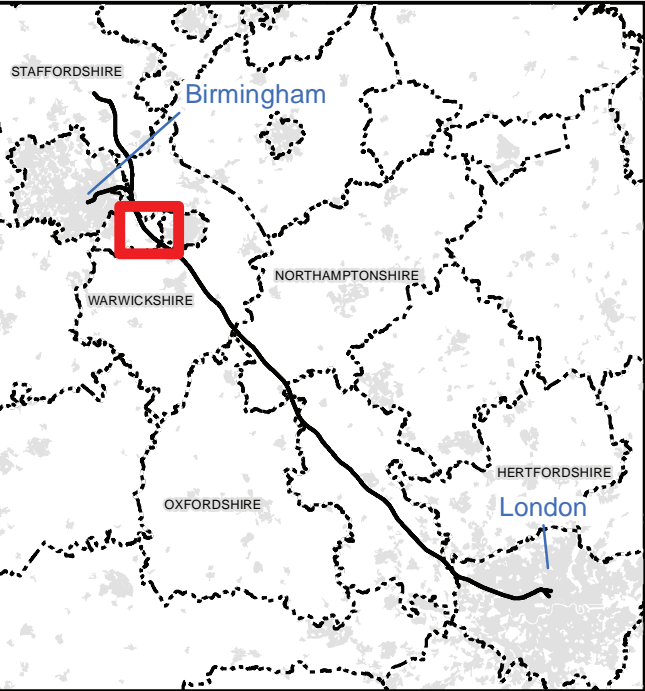
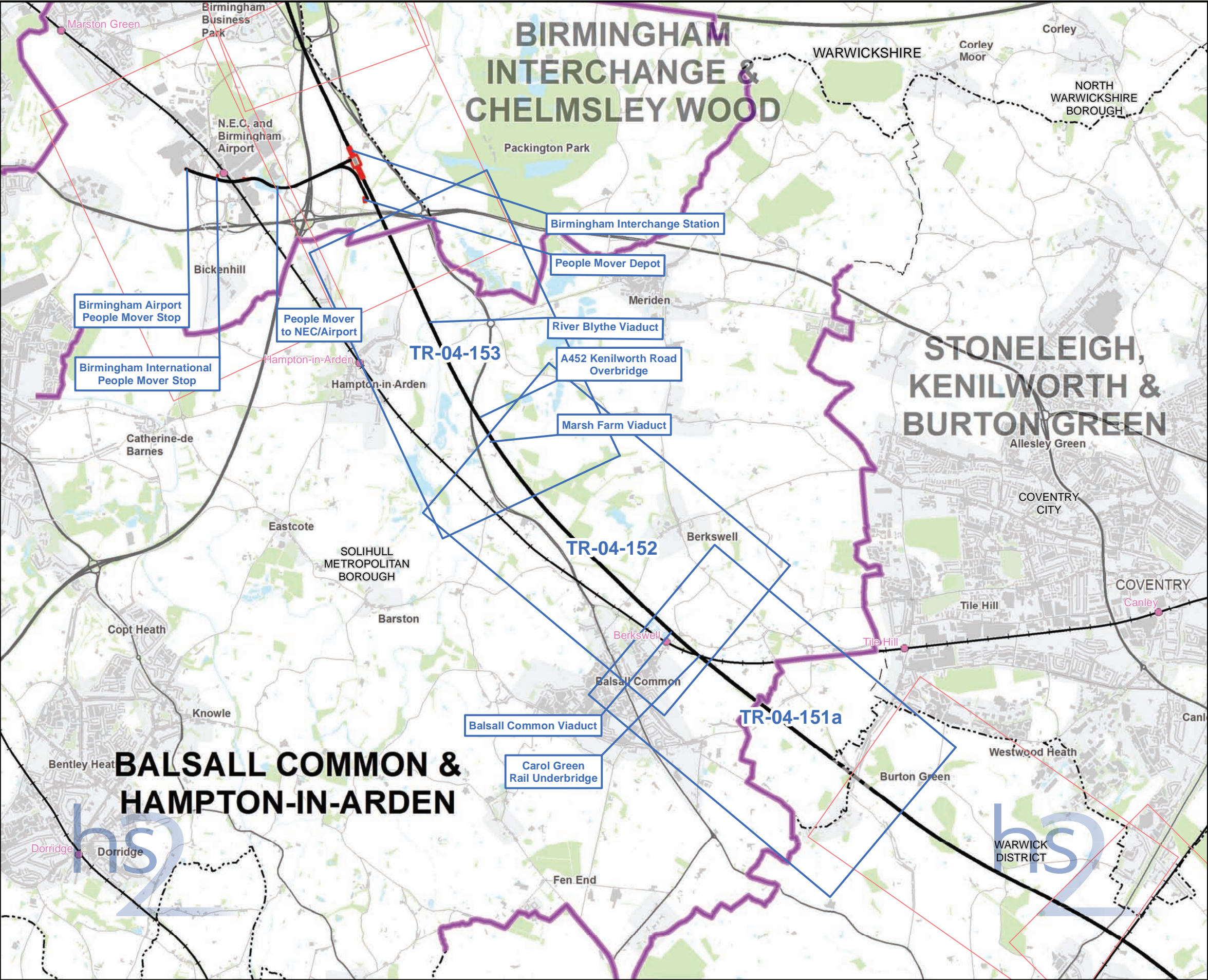
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Date: 28/10/13



Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number TR-04-INDEX-CFA23

Map Name Index Map of:
Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA23:
Balsall Common & Hampton-in-Arden



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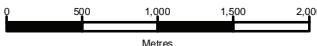
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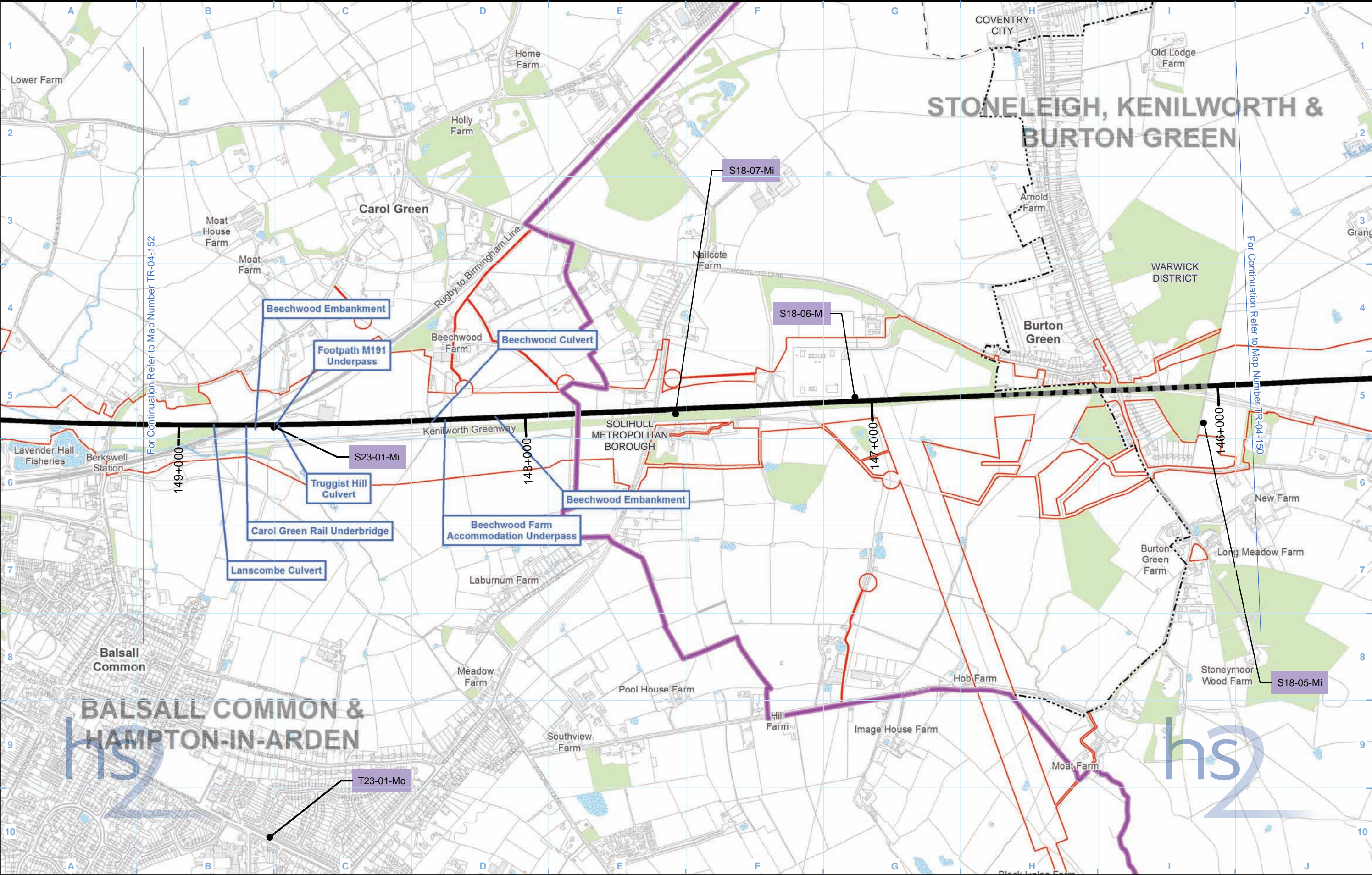
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Date: 25/10/13

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Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Operational Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast Year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Significant effect reference:

PT24-01-Mi-26

Effect Level

Feature Number

CFA Number

Identifier - see across

Map Number

TR-04-151a

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA23:

Balsall Common & Hampton-in-Arden

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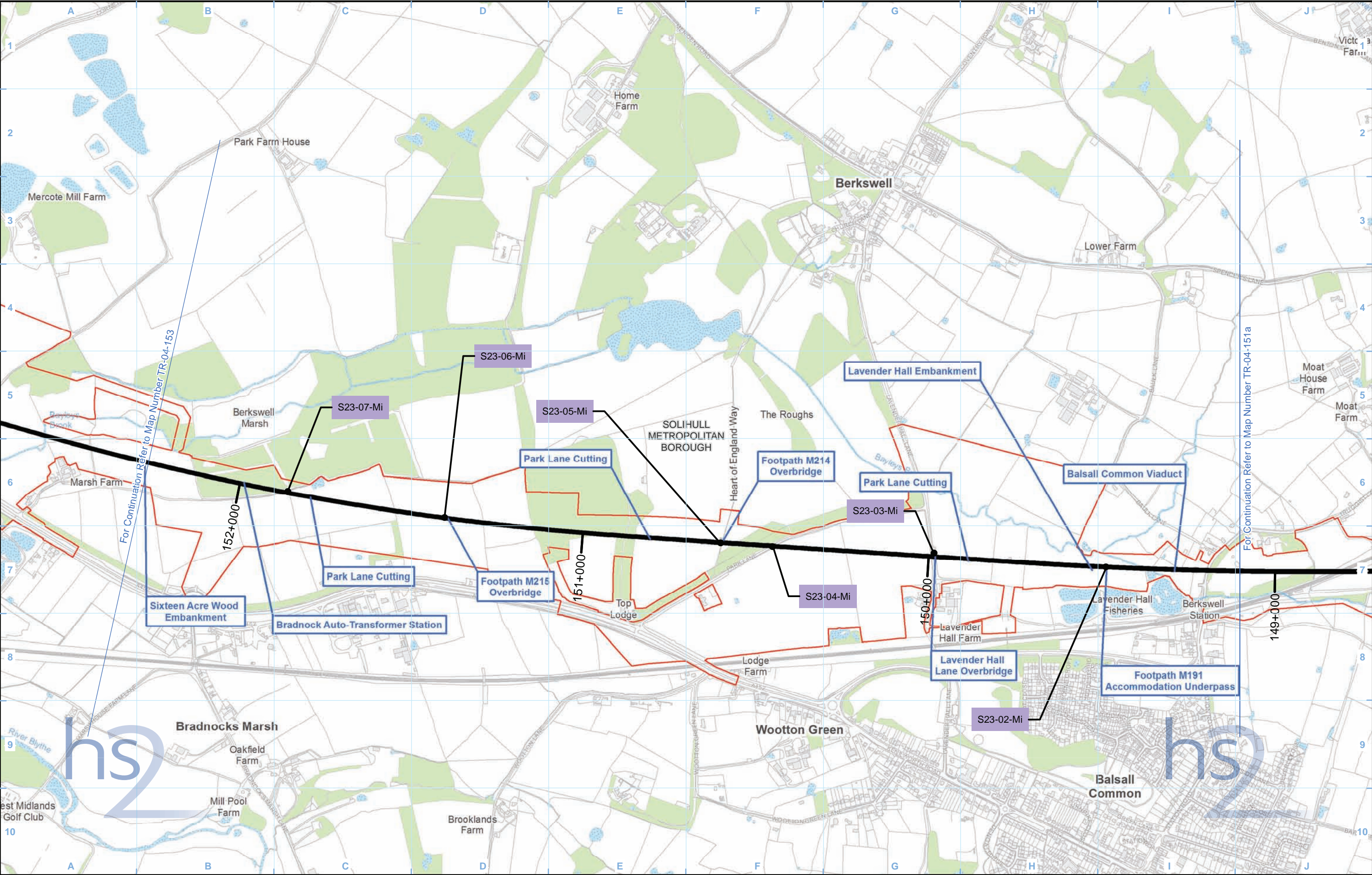
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Doc Number: C224-ARP-EV-MAP-040-114151 P06.00

Date: 28/10/13

Scale at A3: 1:10,000

0 100 200 300 400 Metres



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast Year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-152

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA23:

Balsall Common & Hampton-in-Arden

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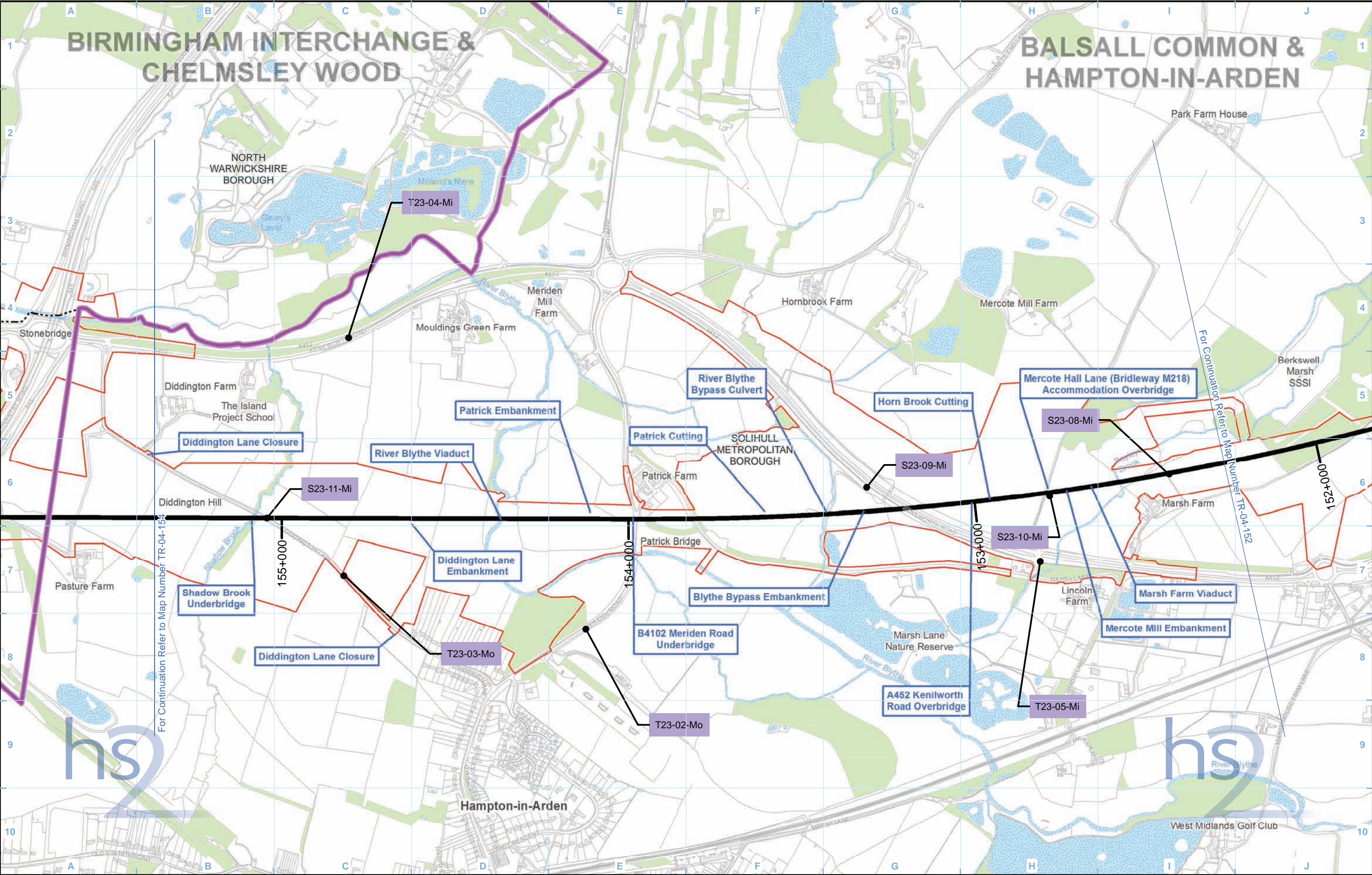
Date: 28/10/13

Scale at A3: 1:10,000

0 100 200 300 400

Metres

North Arrow



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Operational Significant Effects:

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Map Number

TR-04-153

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA23:

Balsall Common & Hampton-in-Arden

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Date: 28/10/13

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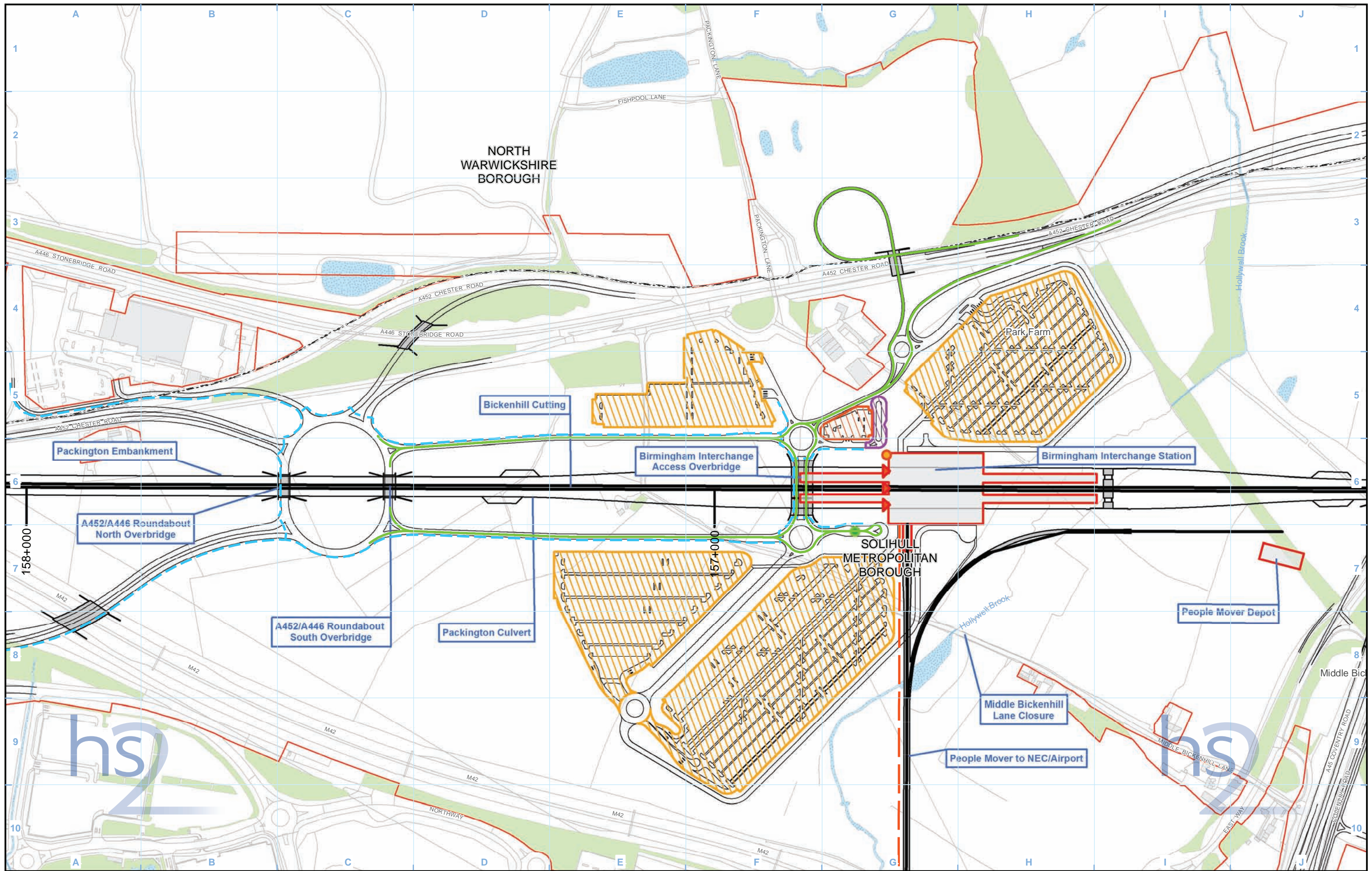
LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA24 | Birmingham Interchange and Chelmsley Wood

TR-01 - Station Impacts (Operational)

TR-03 - Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

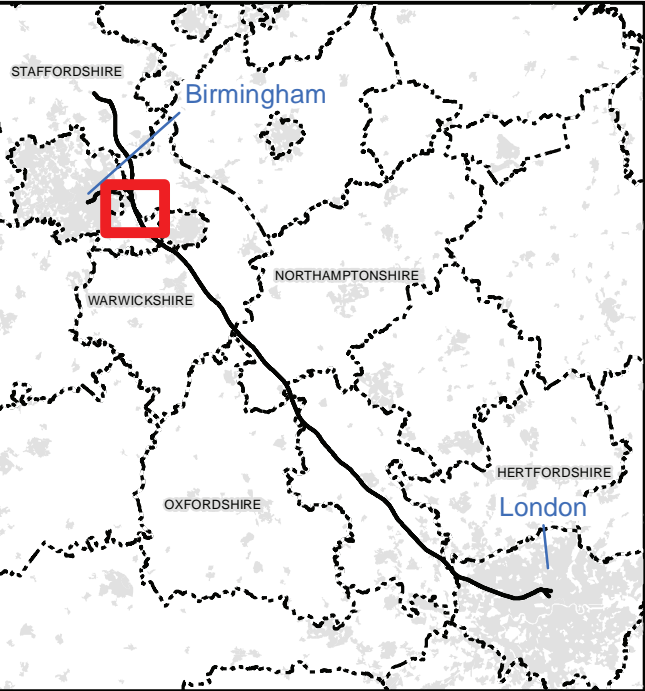
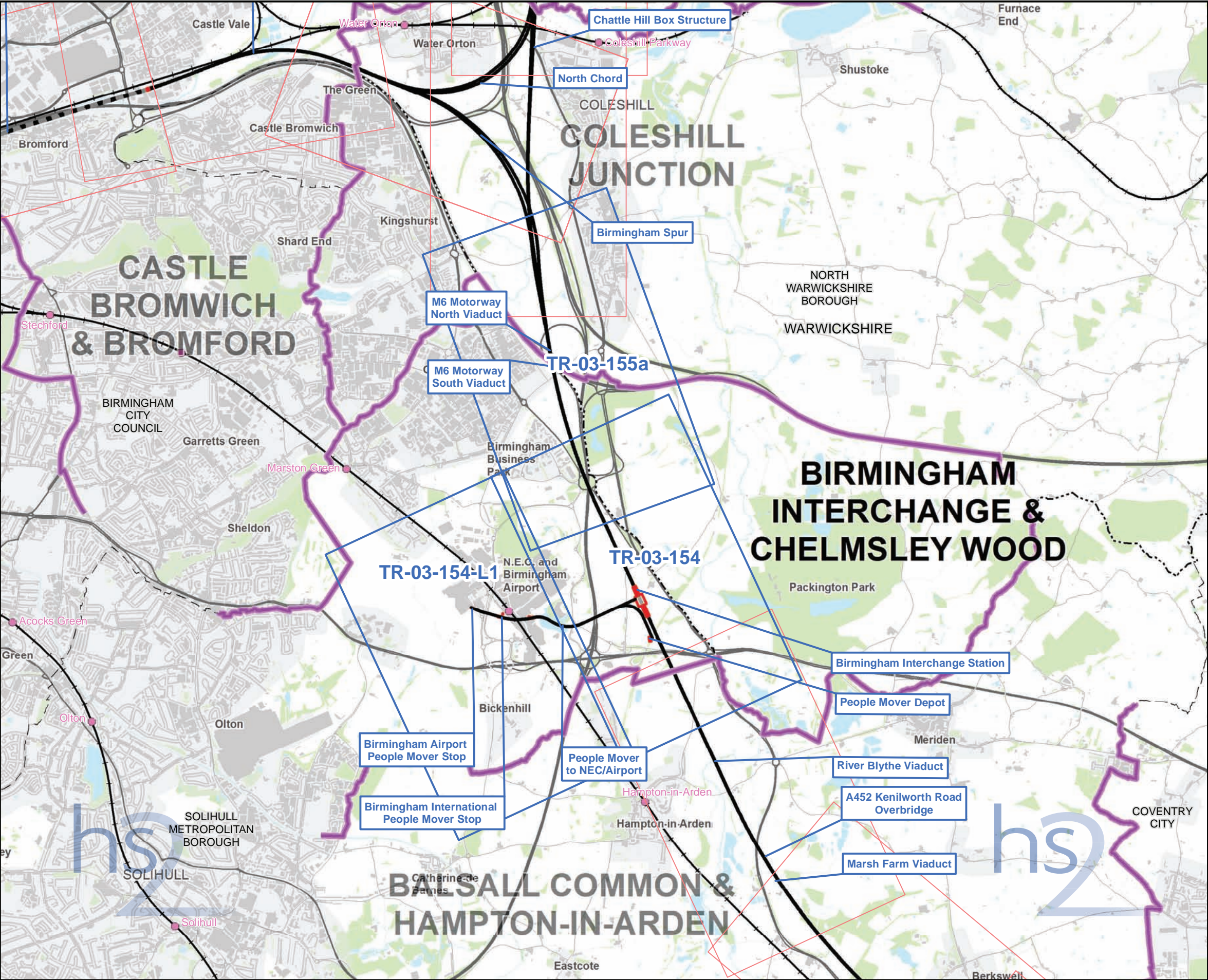
TR-04 - Significant Residual Transport Effects Arising from Operation



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 Route in tunnel	 Watercourse	 Cycle parking	 Taxi ranks	
 Route on surface	 Water body	 Bus and or coach stops	 Kiss and ride	
 Depot, station, headhouse or portal building	 Woodland	 Station access points	 Car parks	
 Land potentially required during construction	 HS2 engineering design	 Potential bus links	 Link to classic rail	
 Community forum boundary	 Pedestrian and cycle links			
 County boundary				
 District/Borough boundary				

Map Name Station Impacts (Operations)
Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood

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Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number	TR-03-INDEX-CFA24
Map Name	Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes
Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood	



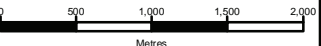
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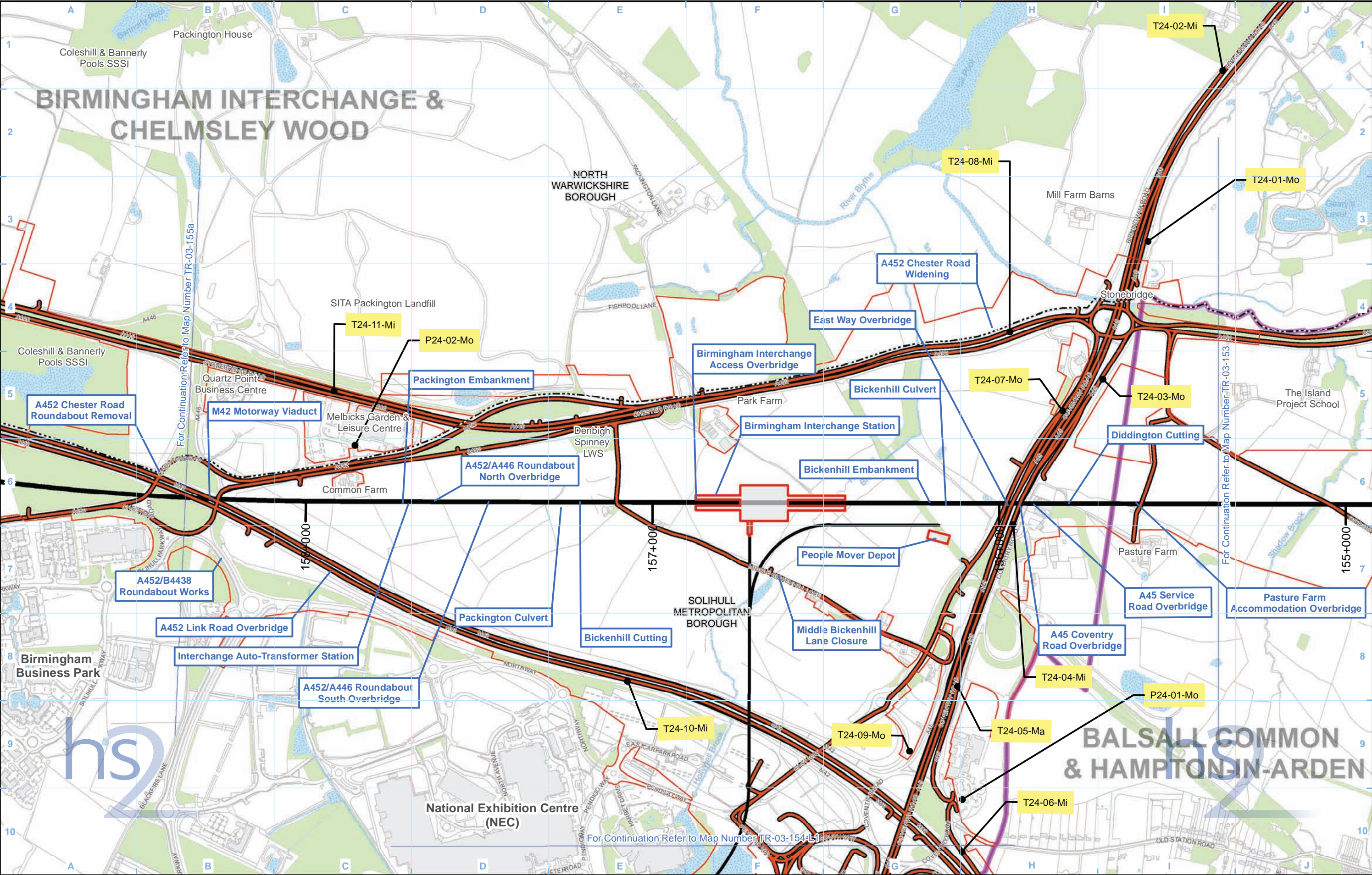
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Date: 25/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number: TR-03-154

Map Name: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood

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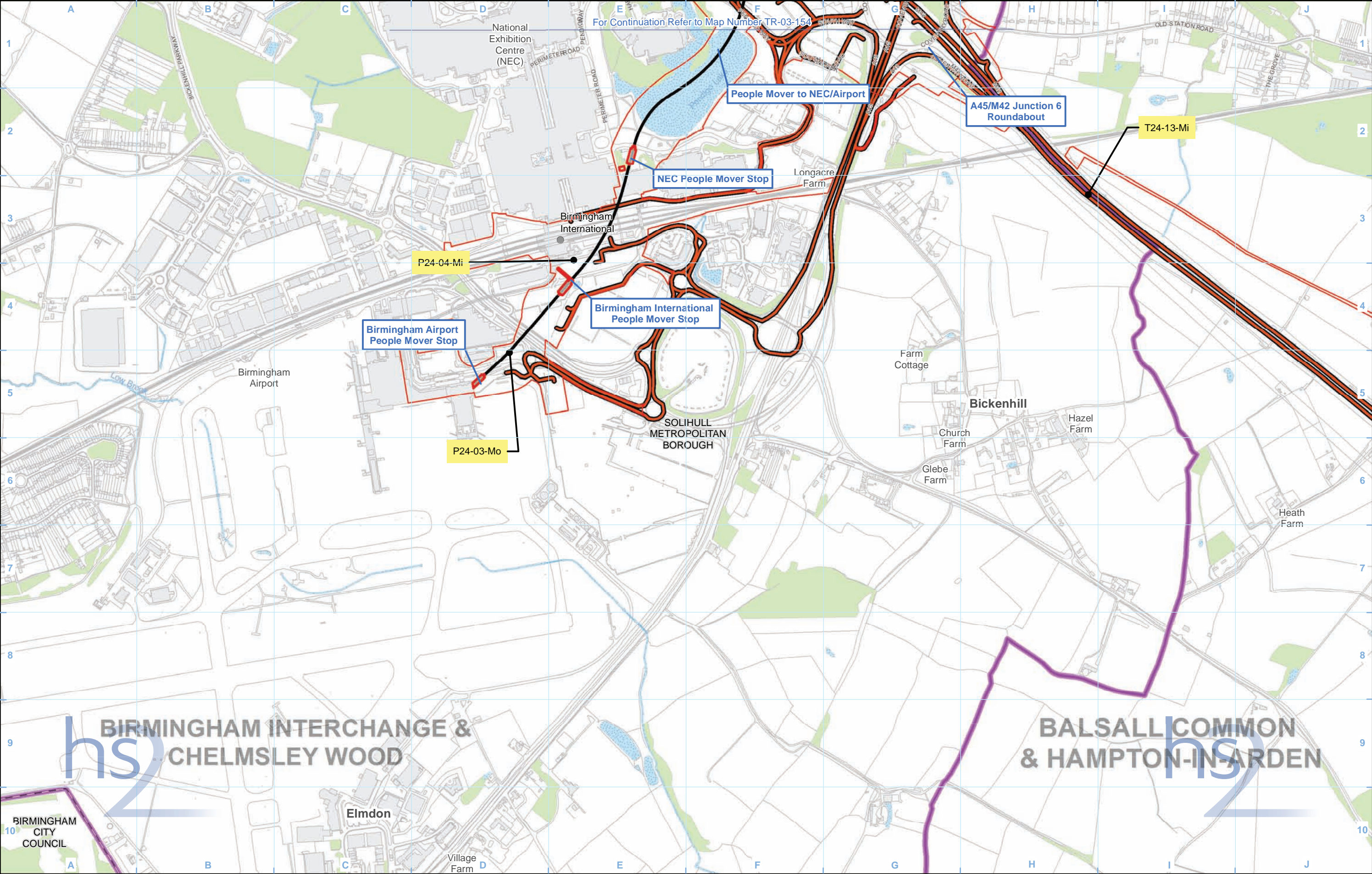
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Date: 28/10/13

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0 100 200 300 400 Metres



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-154-L1

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood

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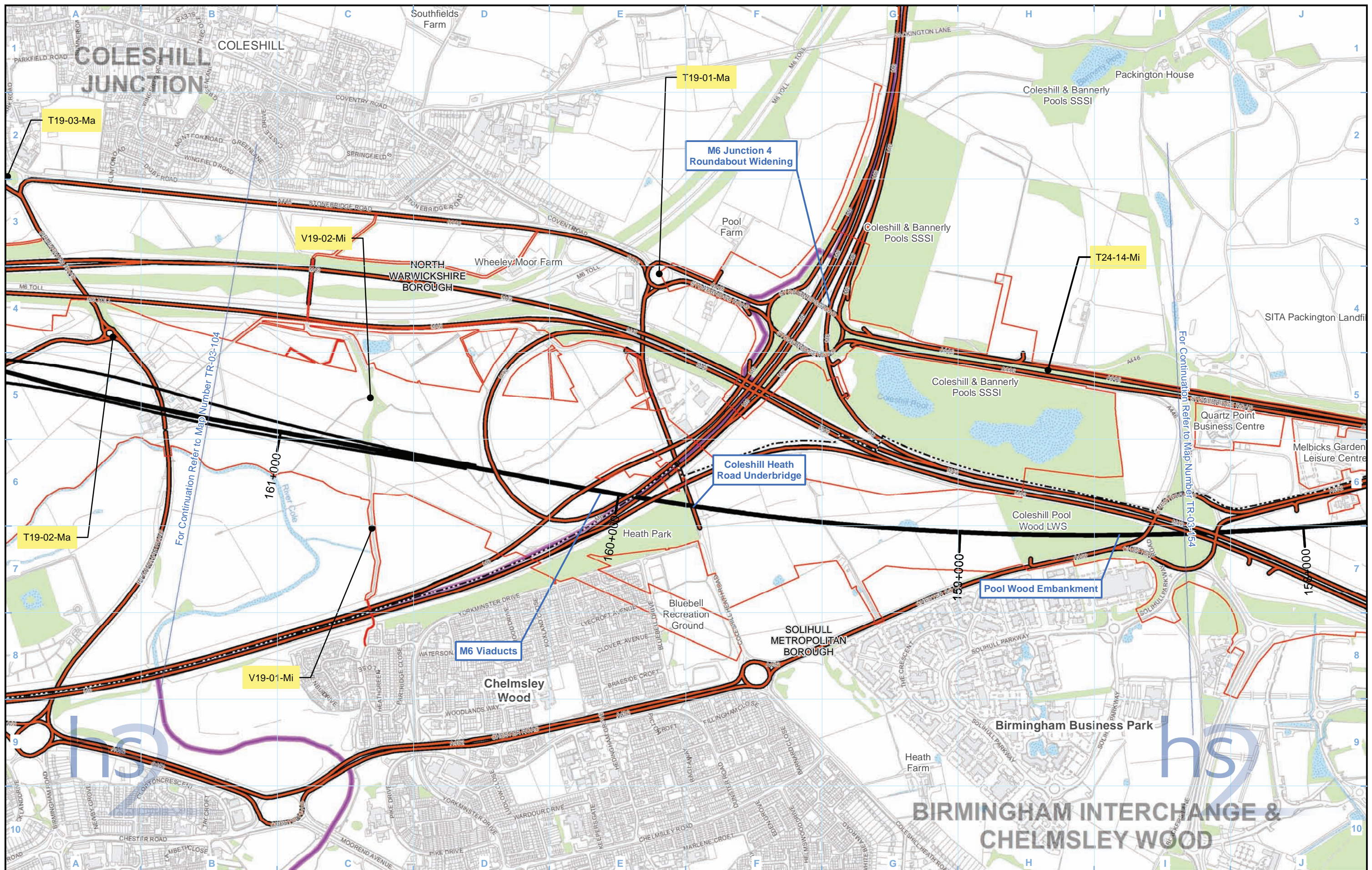
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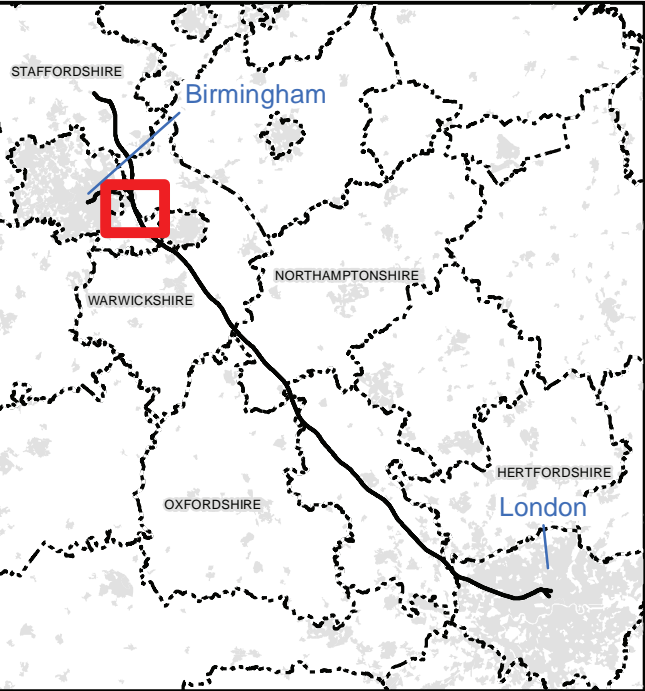
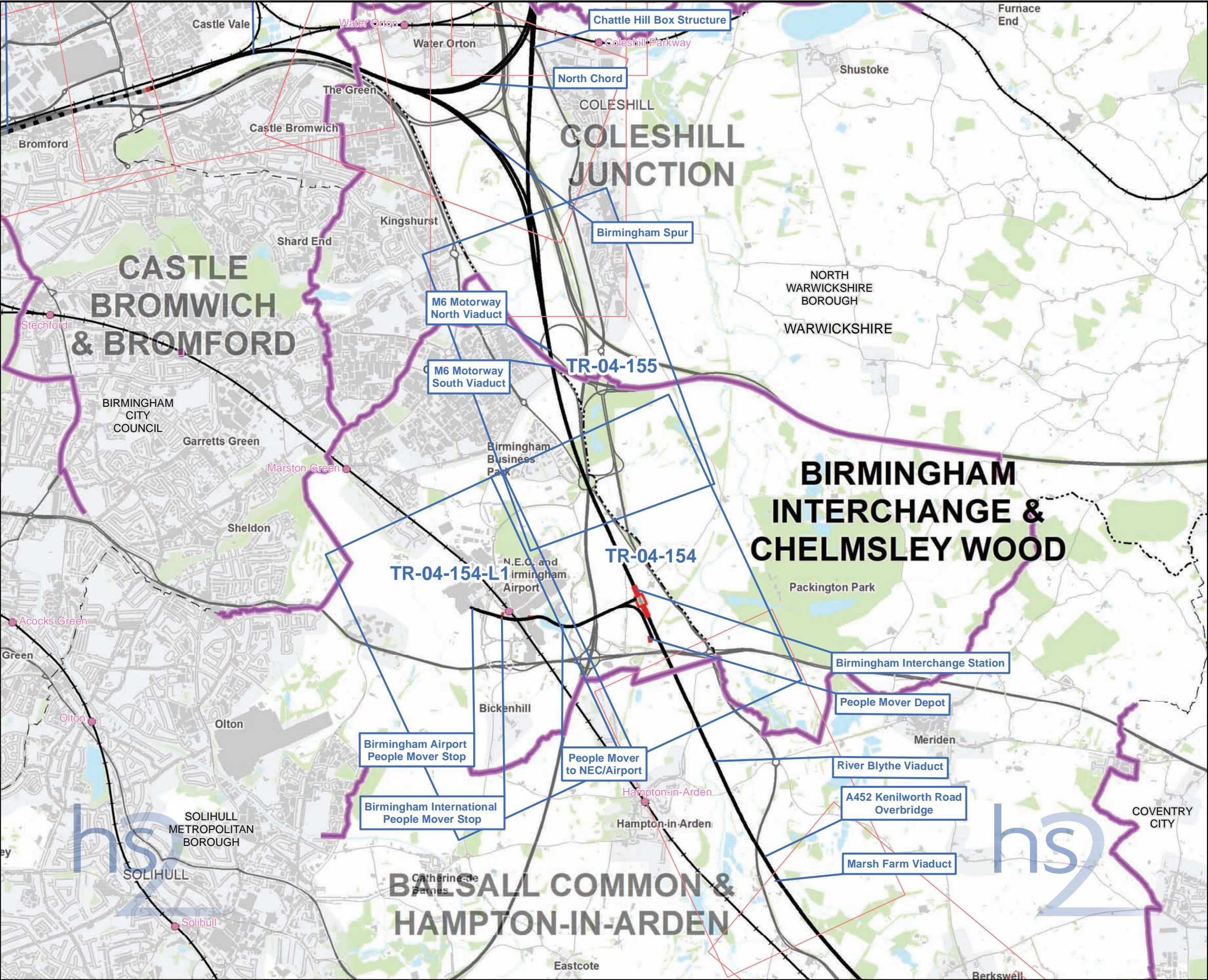
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0 100 200 300 400 Metres

Date: 28/10/13



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingLand potentially required during constructionCommunity forum boundaryCounty boundaryDistrict/Borough boundary	<ul style="list-style-type: none">WatercourseWater bodyWoodland	Construction Significant Effects: <ul style="list-style-type: none">Adverse, permanentAdverse, temporaryBeneficial, temporaryBeneficial, permanentConstruction lorry routes	Significant effects reference: <p>PT24-01-Ma</p> <p>Effect Level Feature Number CFA Number Identifier - see across</p>	Construction Effects Identifiers: <p>PT - Public transport delay D - Disruption at stations / interchanges T - Traffic flows and delays to vehicle occupants P - Parking and loading V - Vulnerable road user delays, amenity and ambience A - Accidents and safety S - Severance W - Waterways</p>	Effect Level: <p>Mi - Minor Mo - Moderate Ma - Major</p>	Map Number <p>TR-03-155a</p> Map Name <p>Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes</p> <p>Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood</p>	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791666. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</p> <p>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C224-ARP-EV-MAP-040-113155 P06.00</p> <p>Scale at A3: 1:10,000</p> <p>0 100 200 300 400 Metres</p> <p>Date: 28/10/13</p>
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Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number	TR-04-INDEX-CFA24
Map Name	Index Map of: Significant Residual Transport Effects Arising from Operation
Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood	



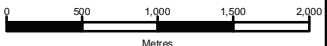
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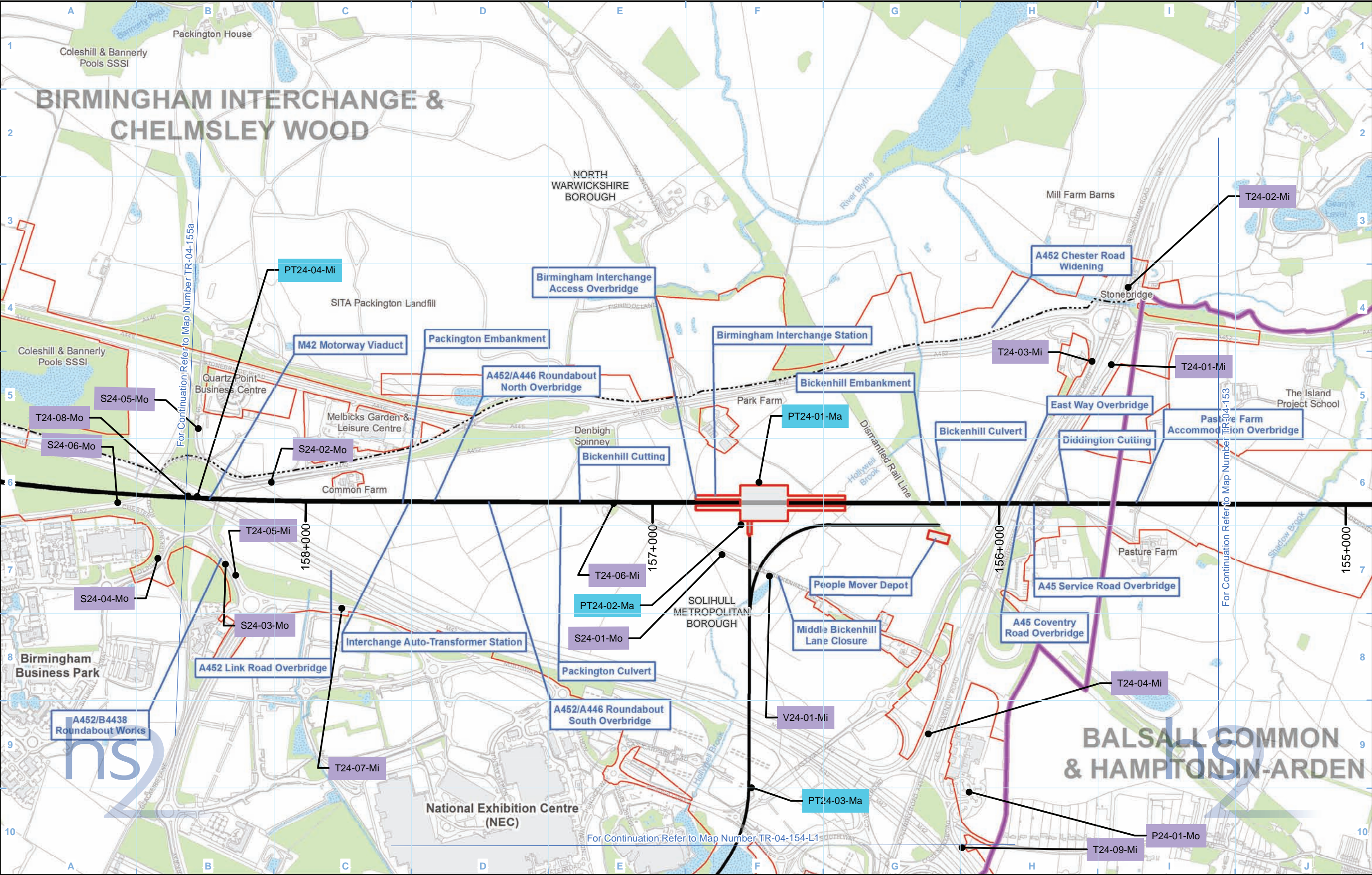
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Doc Number: C224-ARP-EV-MAP-040-614002-P06.00

Date: 25/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effect reference:

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast Year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-154

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA24:

Birmingham Interchange & Chelmsley Wood

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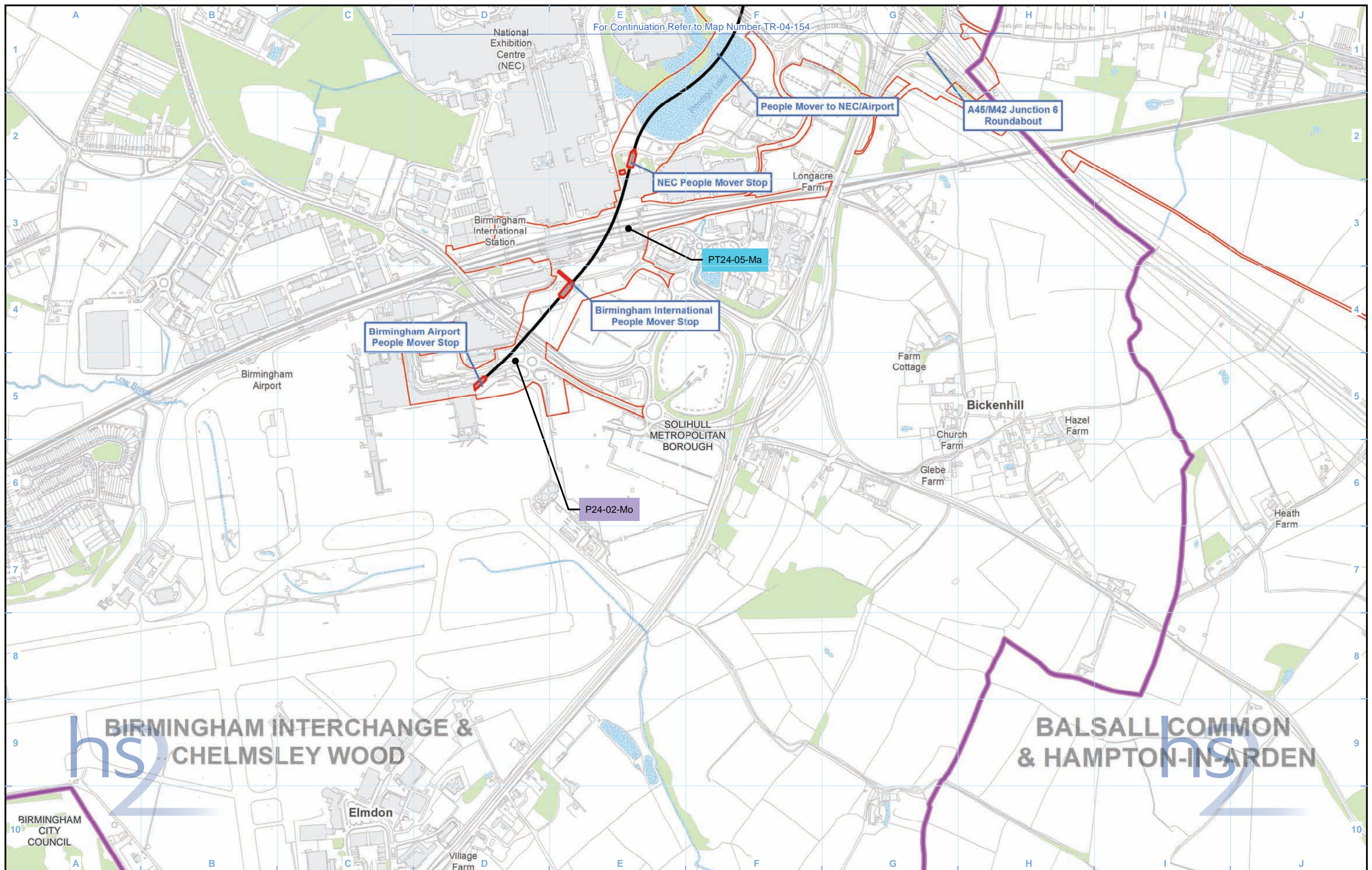
200

300

400

Metres

Date: 28/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Operational Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast Year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number: TR-04-154-L1

Map Name: Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA24: Birmingham Interchange & Chelmsley Wood

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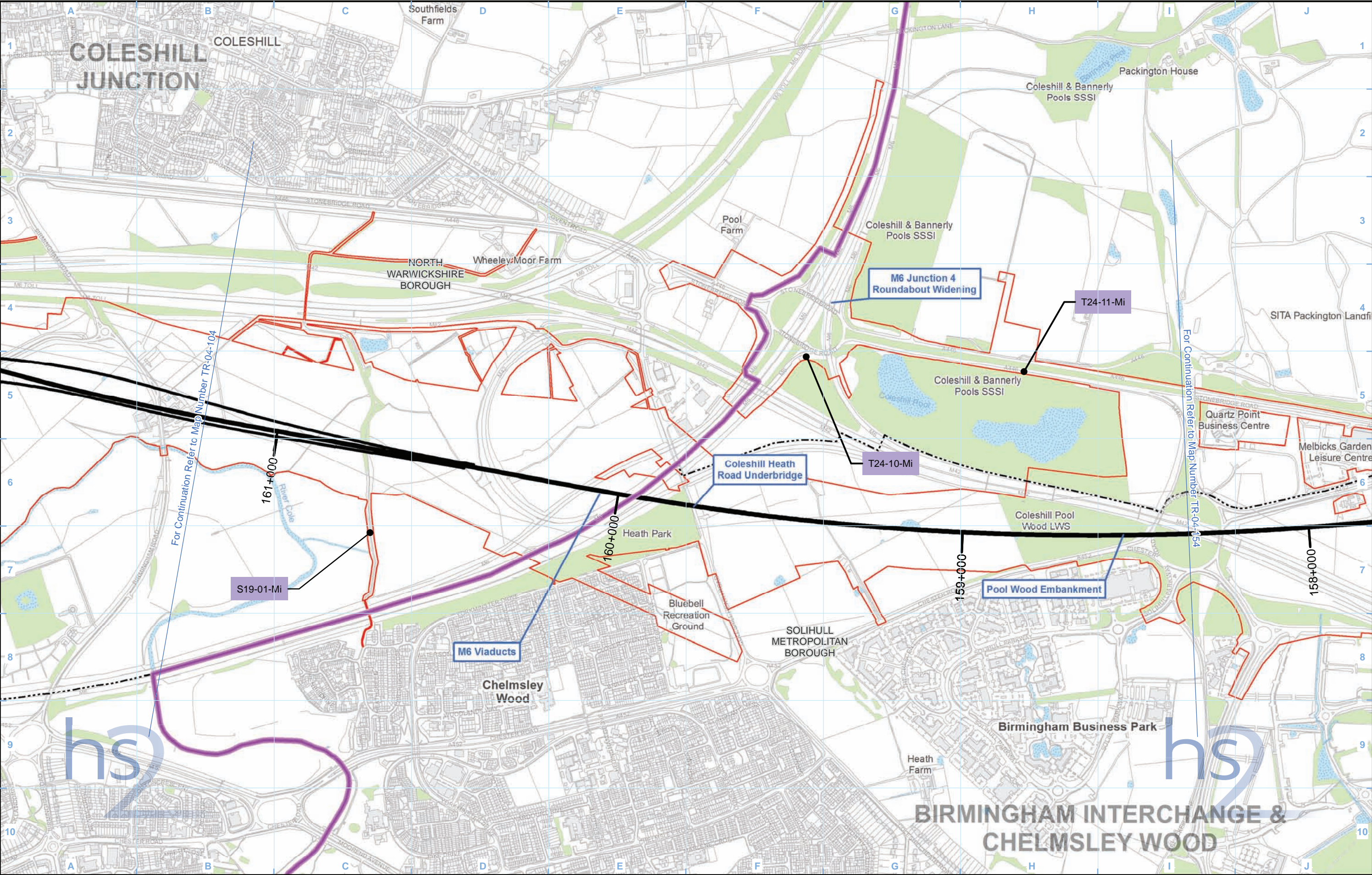
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Doc Number: C224-ARP-EV-MAP-040-114354 P06.00

Date: 28/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Operational Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast Year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Significant effect reference:

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Map Number

TR-04-155

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA24:

Birmingham Interchange & Chelmsley Wood

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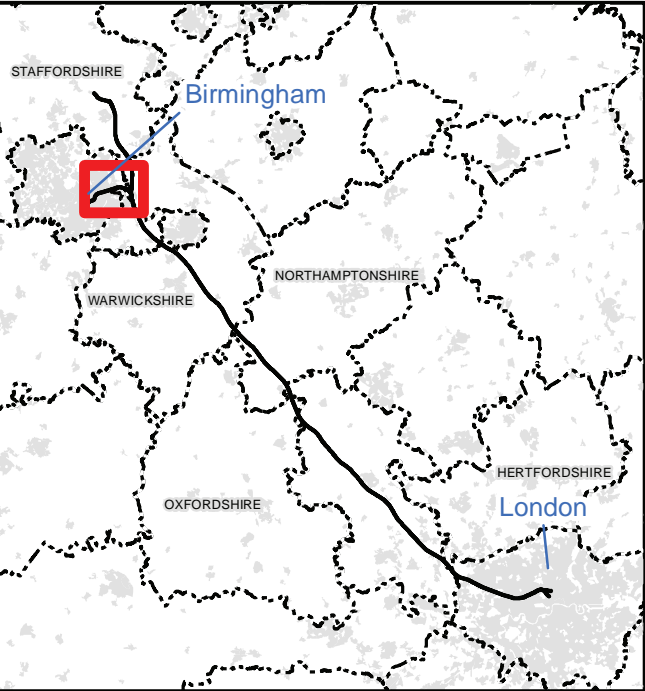
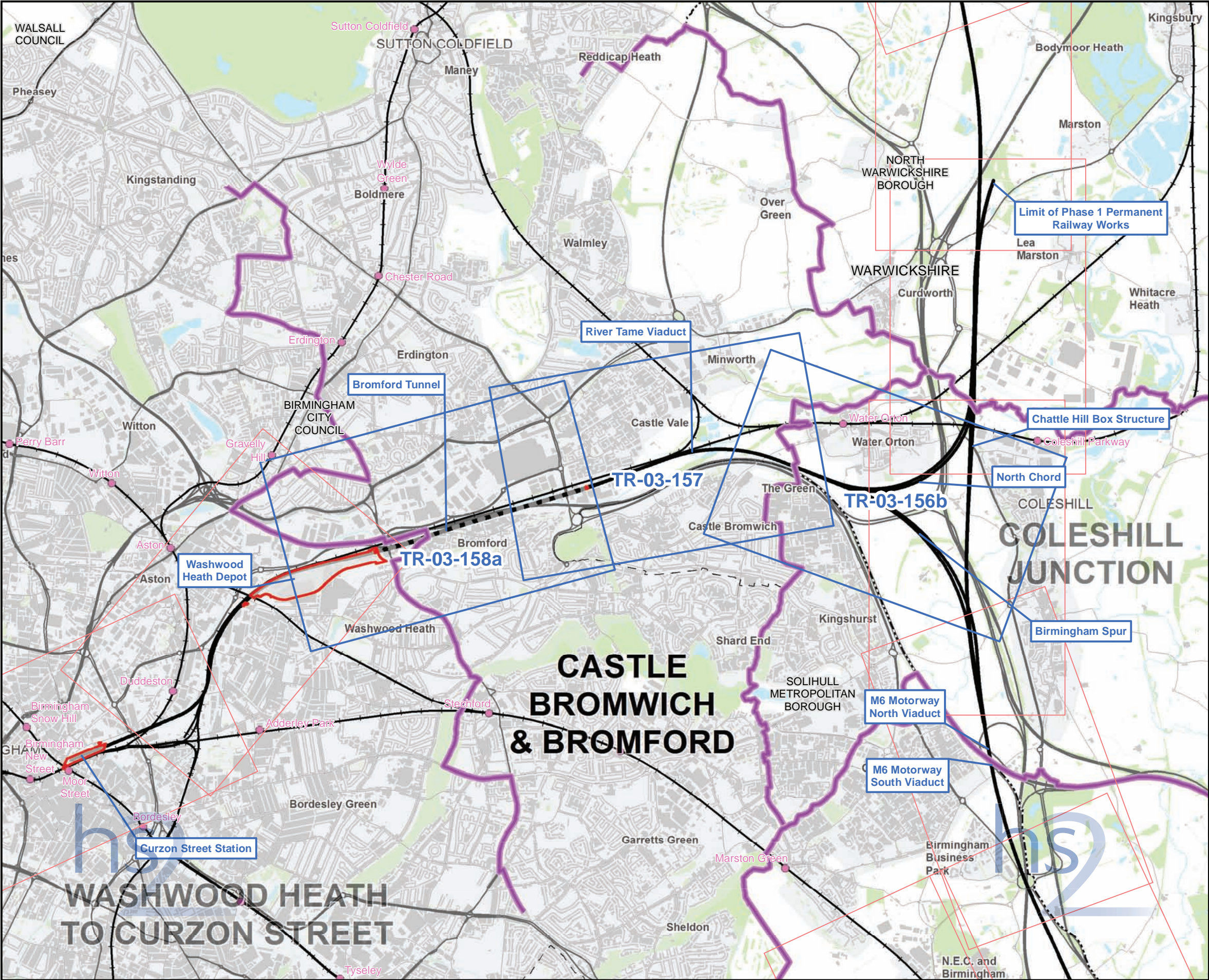
Date: 28/10/13

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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA25 | Castle Bromwich and Bromford

TR-03 - Significant Residual Transport Effects Arising during Construction and
Construction Lorry Routes



Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number	TR-03-INDEX-CFA25
Map Name	Index Map of: Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes
Community Forum Area CFA25:	Castle Bromwich & Bromford

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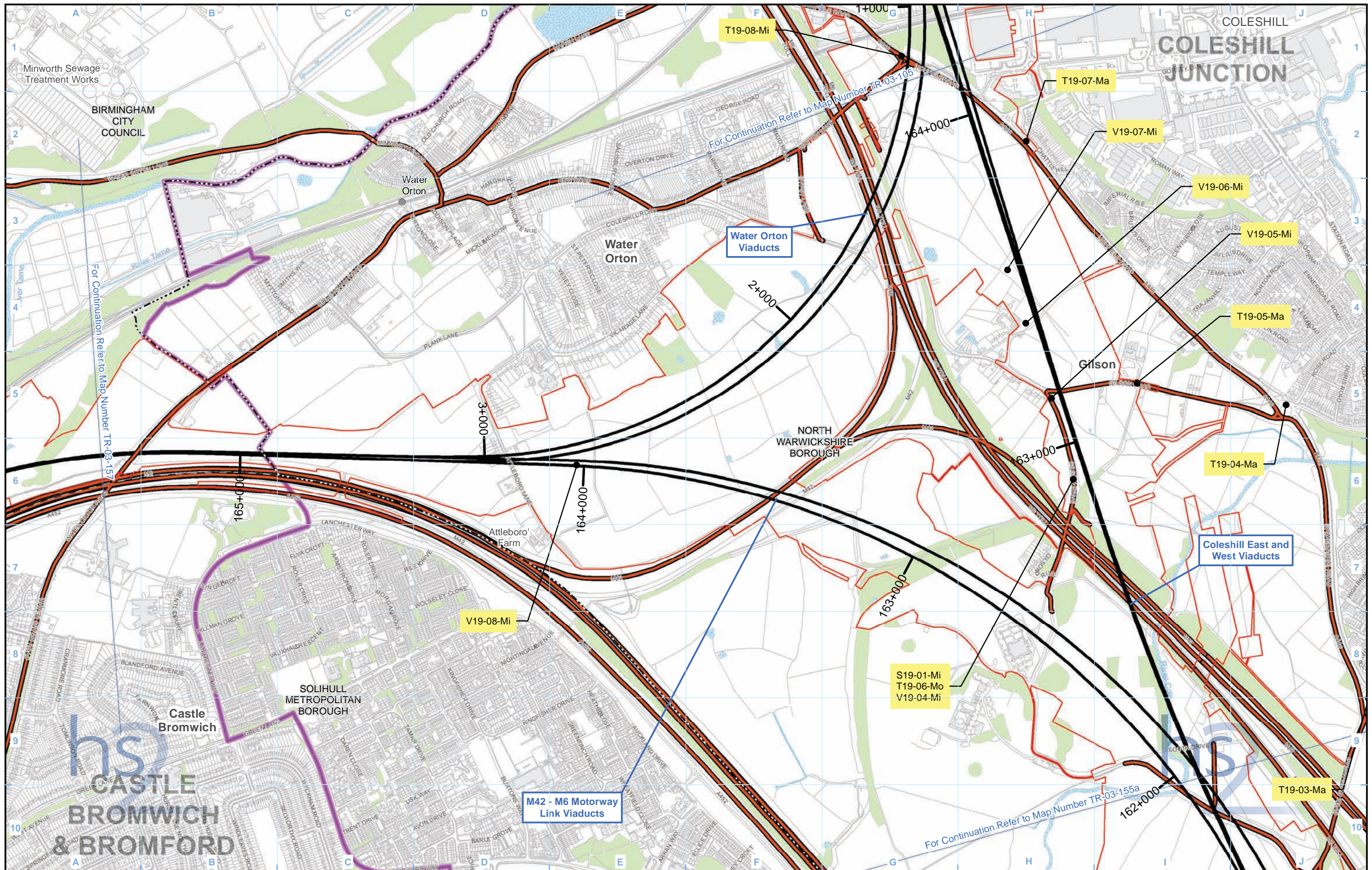
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Scale at A3: 1:50,000

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level
Feature Number
CFA Number
Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-156b

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA25: Castle Bromwich & Bromford

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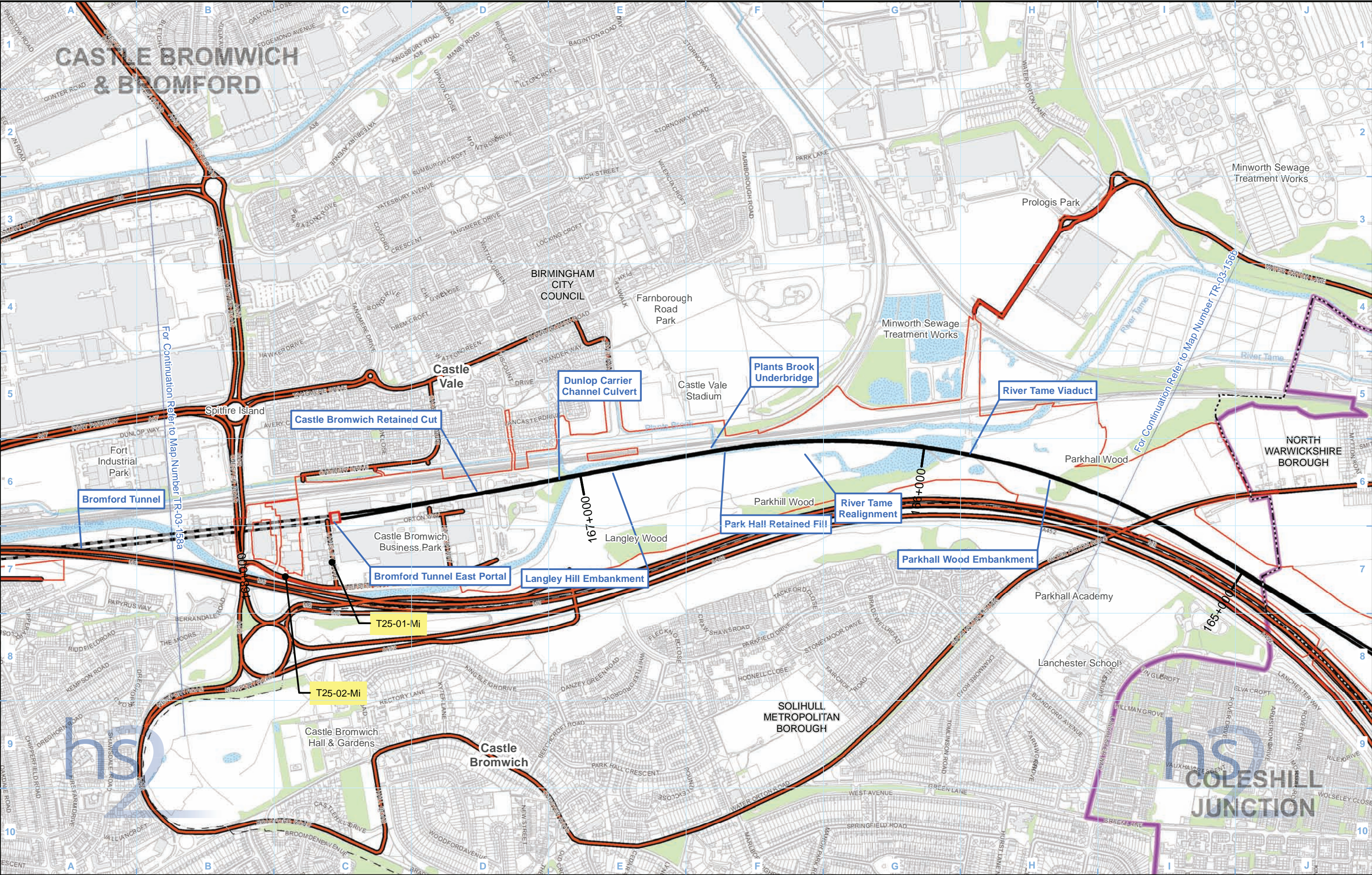
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Doc Number: C224-ARP-EV-MAP-040-113156 P06.00

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level
Feature Number
CFA Number
Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay
D - Disruption at stations / interchanges
T - Traffic flows and delays to vehicle occupants
P - Parking and loading
V - Vulnerable road user delays, amenity and ambience
A - Accidents and safety
S - Severance
W - Waterways

Effect Level:

Mi - Minor
Mo - Moderate
Ma - Major

Map Number

TR-03-157

Map Name

Significant Residual Transport Effects
Arising during Construction and
Construction Lorry Routes

Community Forum Area CFA25:

Castle Bromwich & Bromford

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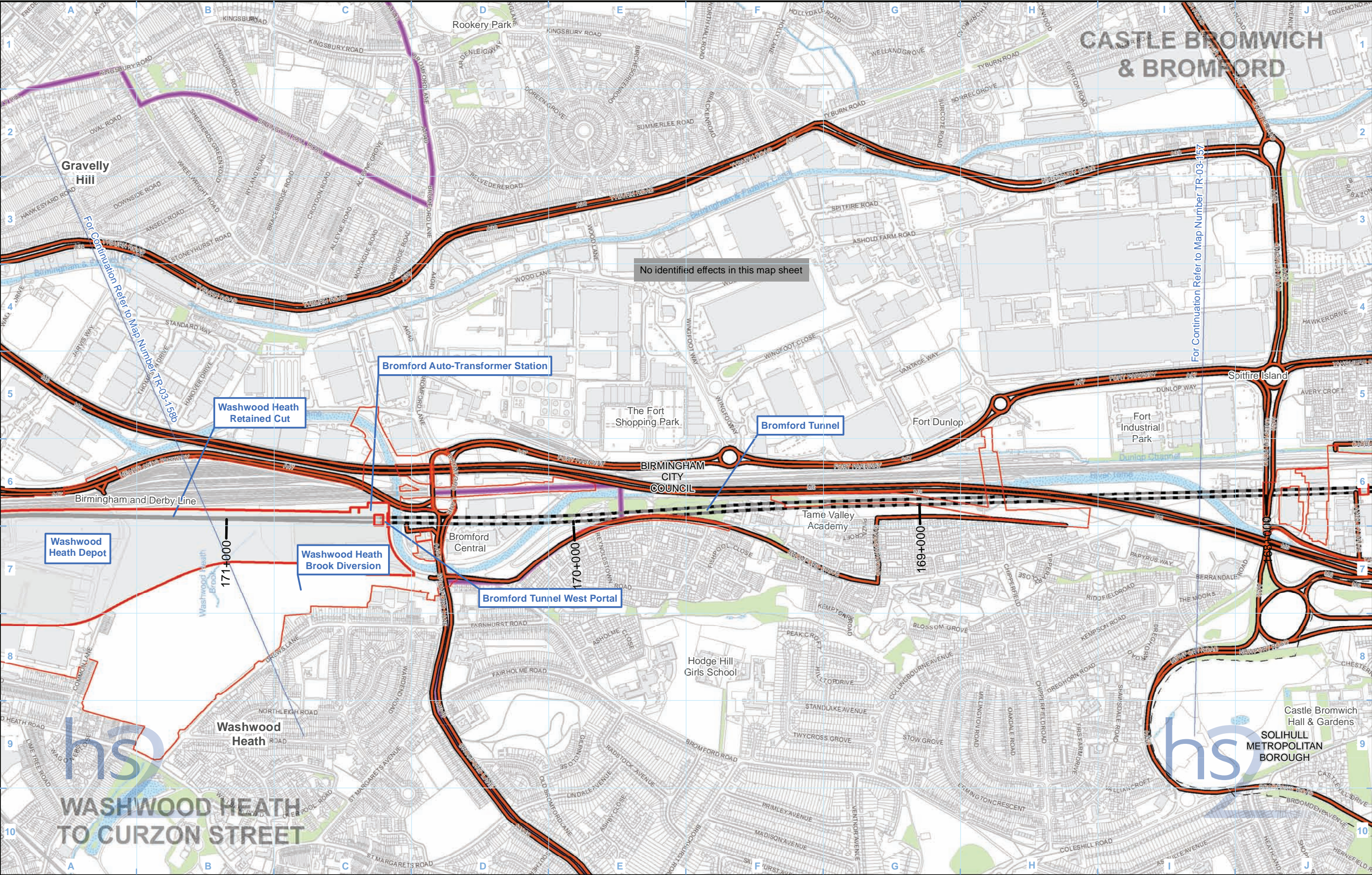
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Doc Number: C224-ARP-EV-MAP-040-113157 P06.00

Scale at A3: 1:10,000

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Metres

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Map Number

TR-03-158a

Map Name

Significant Residual Transport Effects

Arising during Construction and

Construction Lorry Routes

Community Forum Area CFA25:

Castle Bromwich & Bromford

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Scale at A3: 1:10,000

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Metres

Date: 28/10/13

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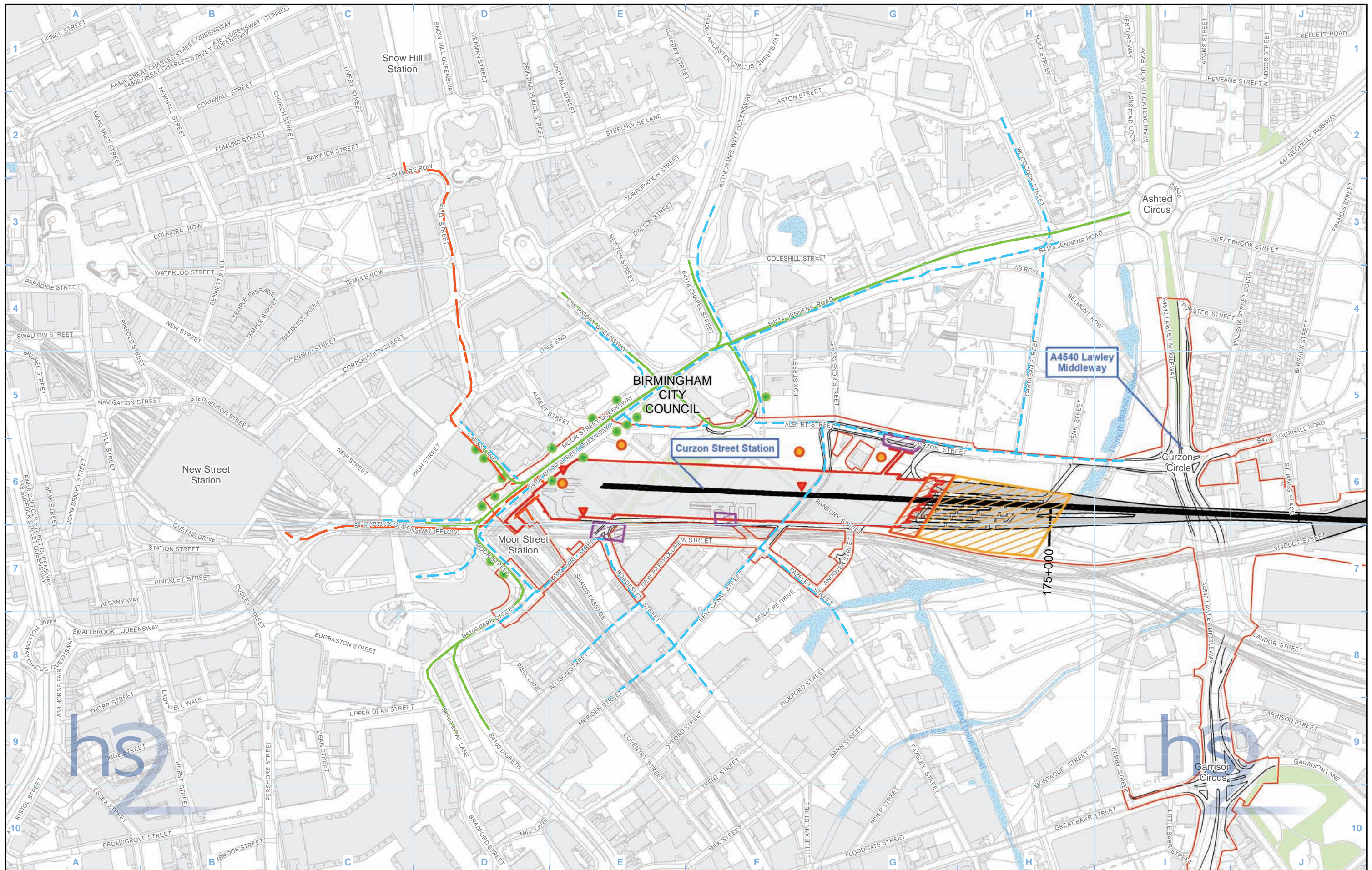
LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA26 | Washwood Heath to Curzon Street

TR-01 - Station Impacts (Operational)

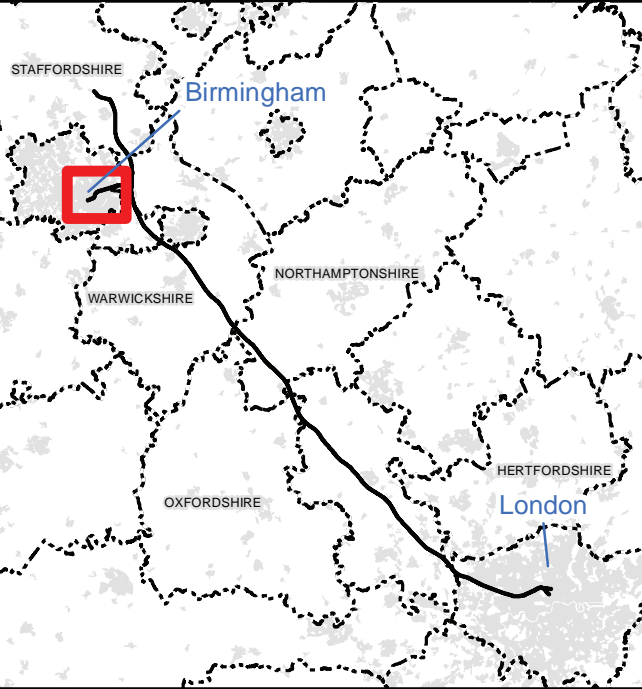
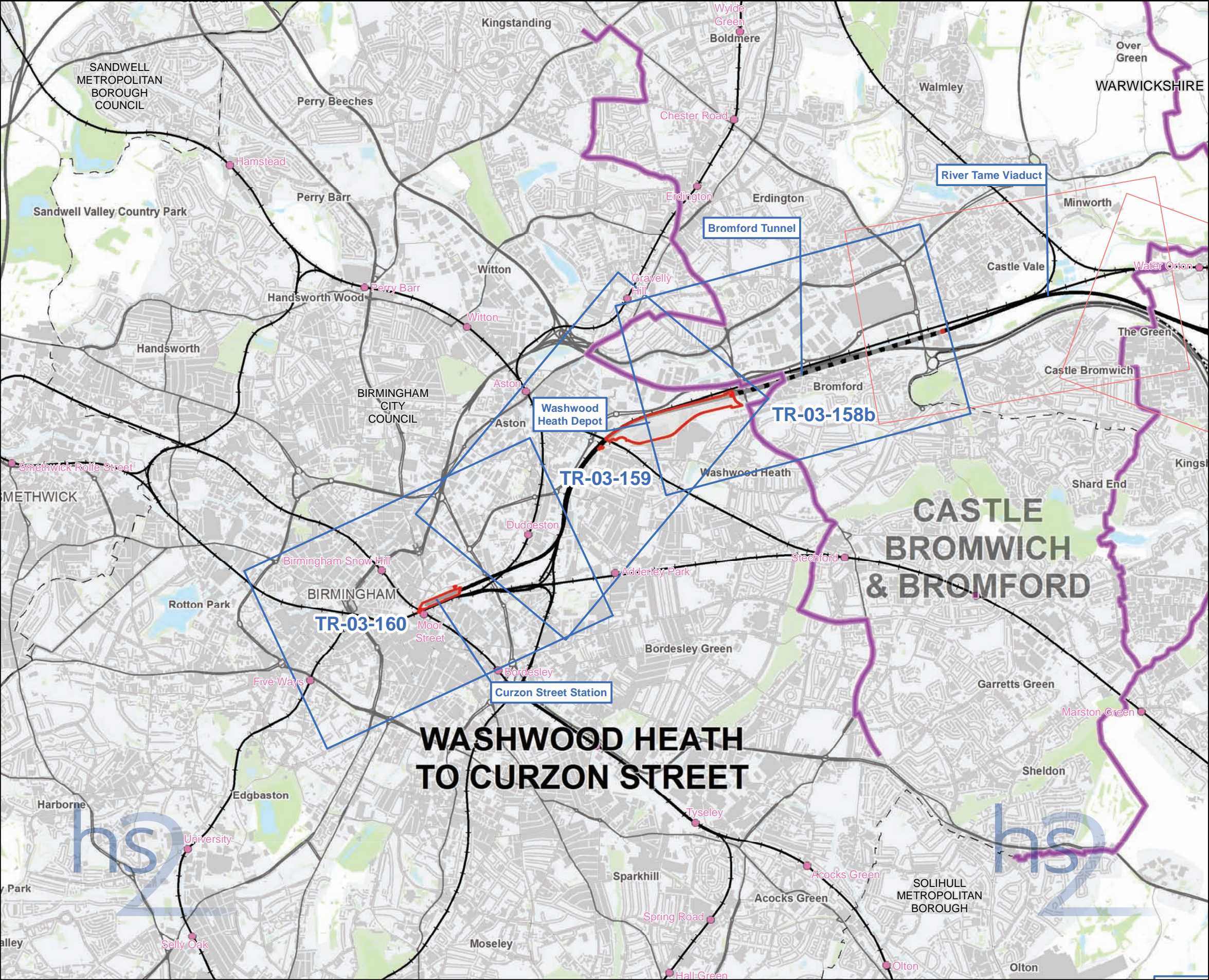
TR-03 - Significant Residual Transport Effects Arising during Construction and
Construction Lorry Routes

TR-04 - Significant Residual Transport Effects Arising from Operation



Legend <ul style="list-style-type: none">Route in tunnelRoute on surfaceDepot, station, headhouse or portal buildingLand potentially required during constructionCommunity forum boundaryCounty boundaryDistrict/Borough boundary	<ul style="list-style-type: none">WatercourseWater bodyWoodlandHS2 engineering design	<ul style="list-style-type: none">Cycle parkingBus and or coach stopsStation access pointsPotential bus linksLink to classic railPedestrian and cycle links	<ul style="list-style-type: none">Taxi ranksKiss and rideCar parks
<div>Map Number: TR-01-026</div> <div>Map Name: Station Impacts (Operations)</div> <div>Community Forum Area CFA26: Washwood Heath to Curzon Street</div>			
<div>hs2</div> <div>Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.</div> <div>© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.</div> <div>Doc Number: C224-ARP-EV-MAP-040-111005 P06.00</div>		<div>hs2</div> <div>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</div> <div>Scale at A3: 1:5,000</div> <div>0 50 100 150 200 Metres</div> <div>Date: 31/10/13</div>	

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Map Series Information:

This map series identifies the significant residual transport effects arising from construction of the Proposed Scheme and the construction lorry routes. Lorry routes are the identified routes which Heavy Goods Vehicles (HGVs) will use between compounds and the main A-road/strategic road network within each CFA. The effects include those that are temporary (adverse/beneficial) from transport-related impacts as a result result of the Proposed Scheme on the transport network and the level of significance of those effects (minor, moderate or major).

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number TR-03-INDEX-CFA26

Map Name Index Map of:
Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA26:
Washwood Heath to Curzon Street



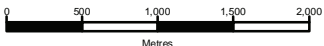
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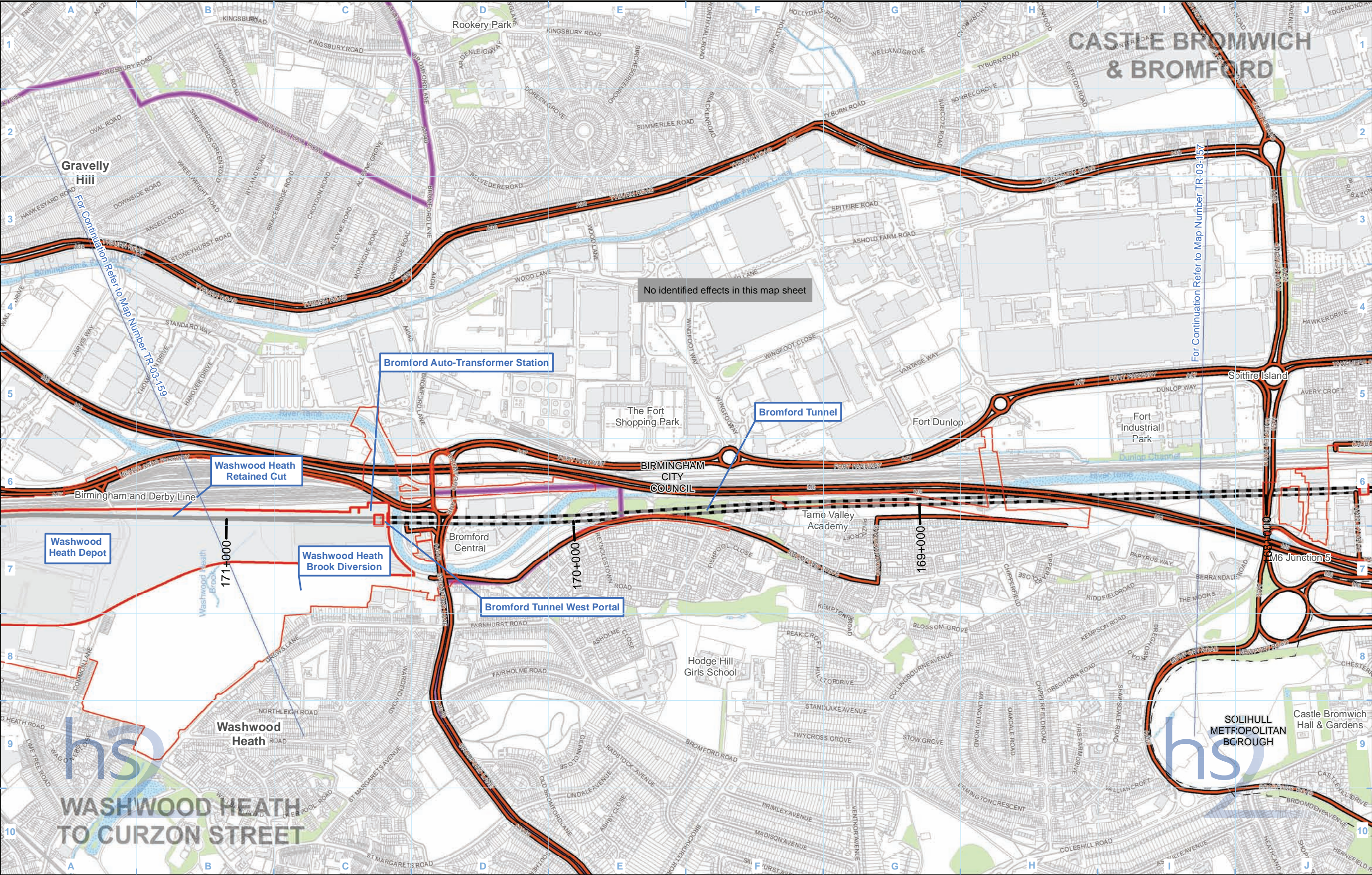
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Date: 25/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-158b

Map Name

Significant Residual Transport Effects

Arising during Construction and

Construction Lorry Routes

Community Forum Area CFA26:

Washwood Heath to Curzon Street

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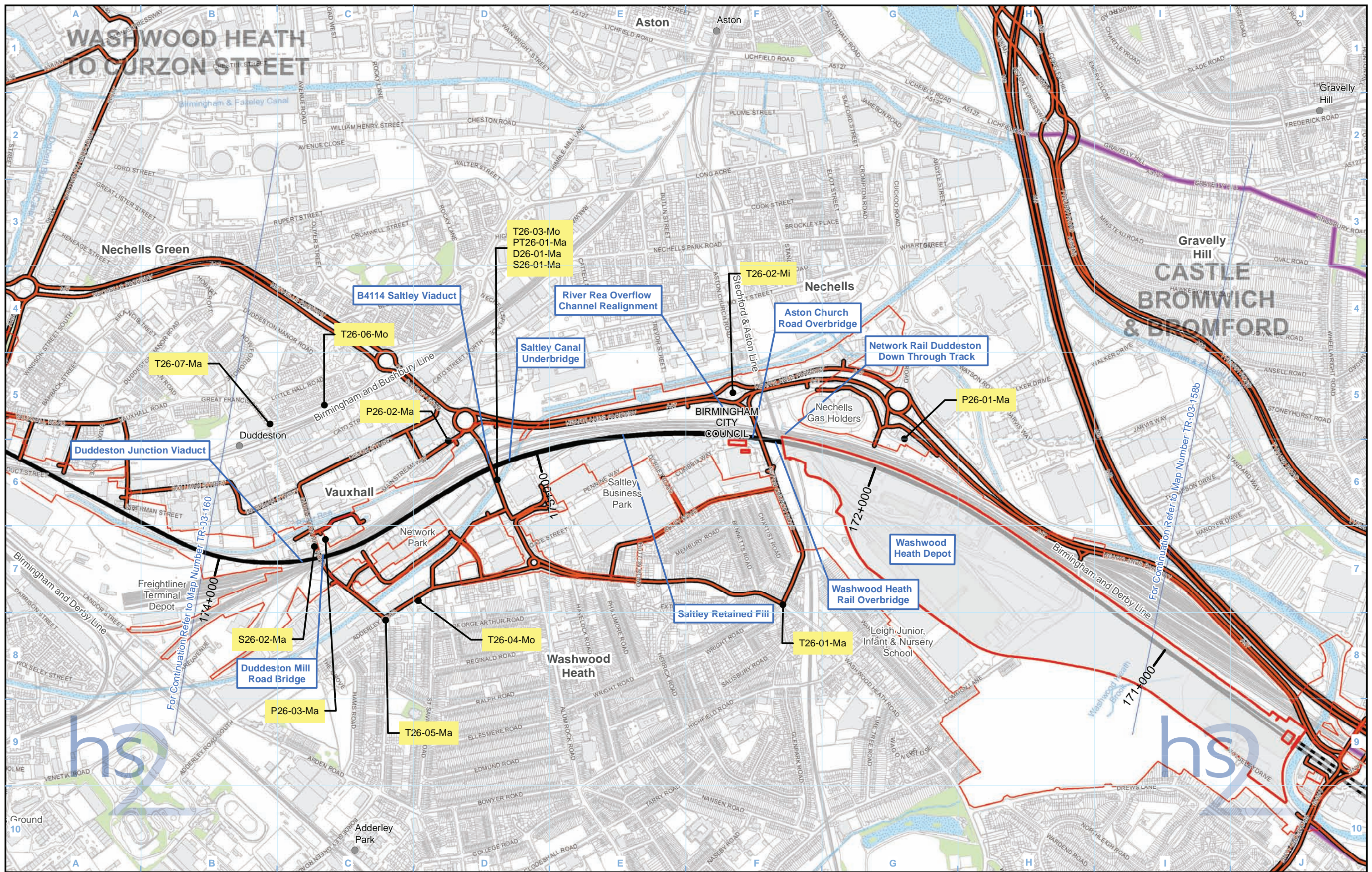
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Doc Number: C224-ARP-EV-MAP-040-113258 P06.00

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

Feature Number

CFA Number

Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-159

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA26: Washwood Heath to Curzon Street

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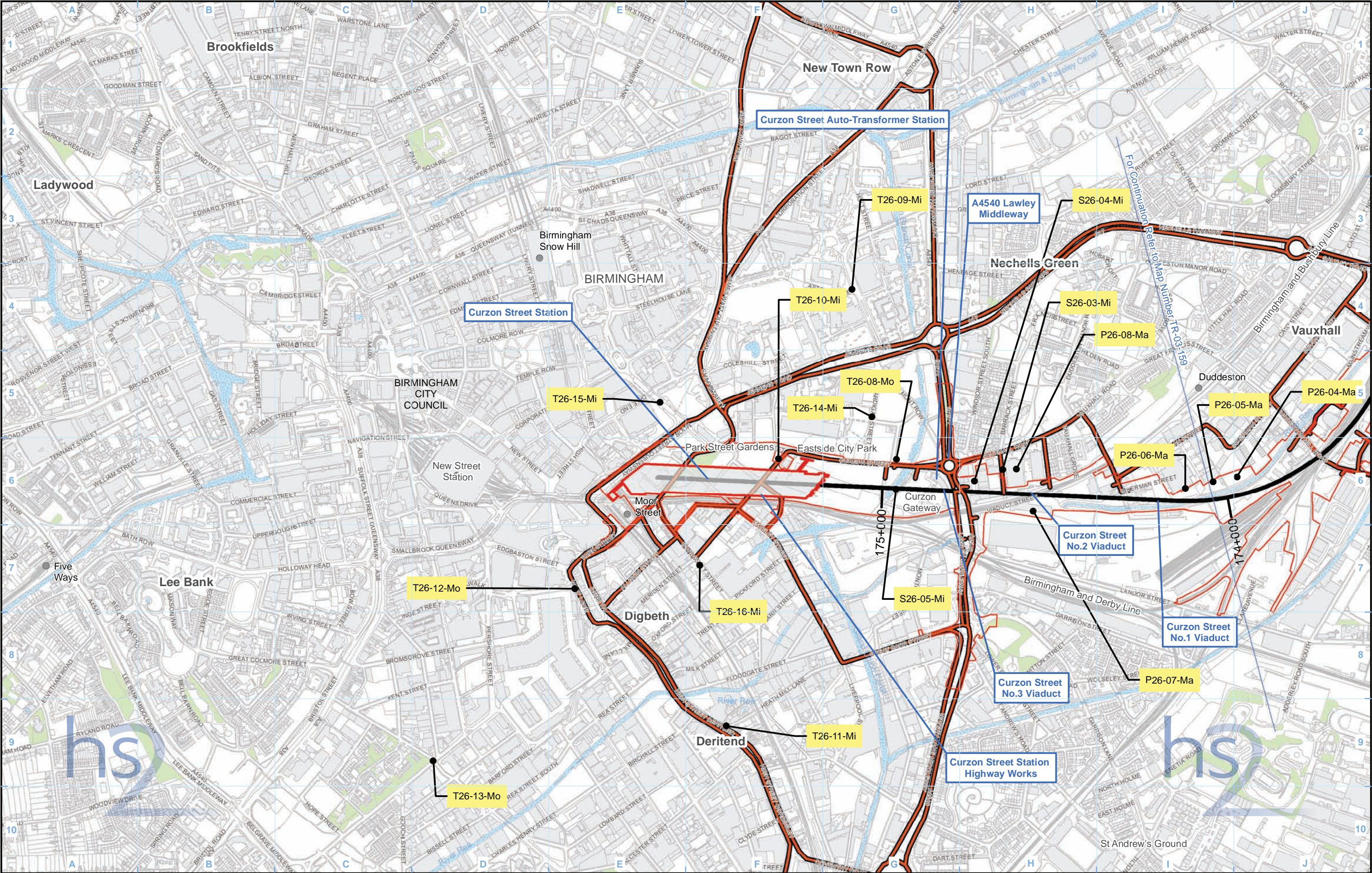
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Doc Number: C224-ARP-EV-MAP-040-113159 P06.00

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Construction Significant Effects:

- Adverse, permanent
- Adverse, temporary
- Beneficial, temporary
- Beneficial, permanent
- Construction lorry routes

Significant effects reference:

PT24-01-Ma

Effect Level

CFA Number

Identifier - see across

Construction Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Map Number

TR-03-160

Map Name

Significant Residual Transport Effects Arising during Construction and Construction Lorry Routes

Community Forum Area CFA26: Washwood Heath to Curzon Street

hs2

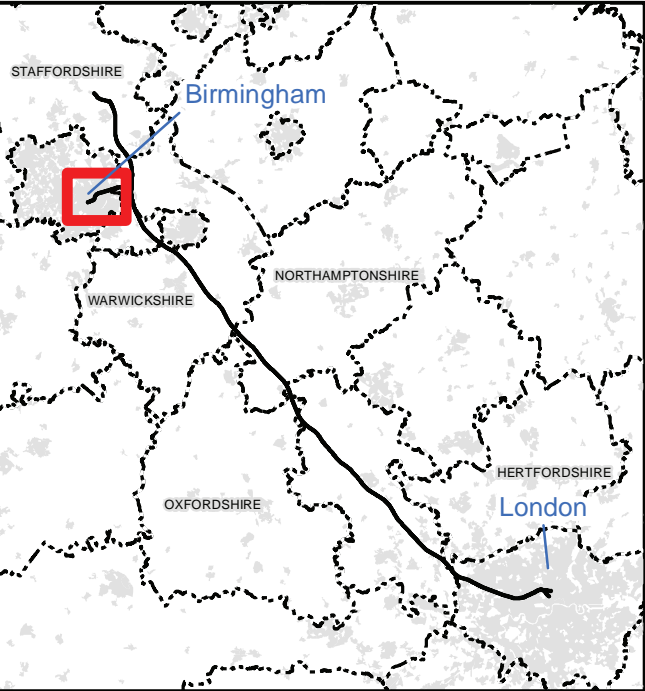
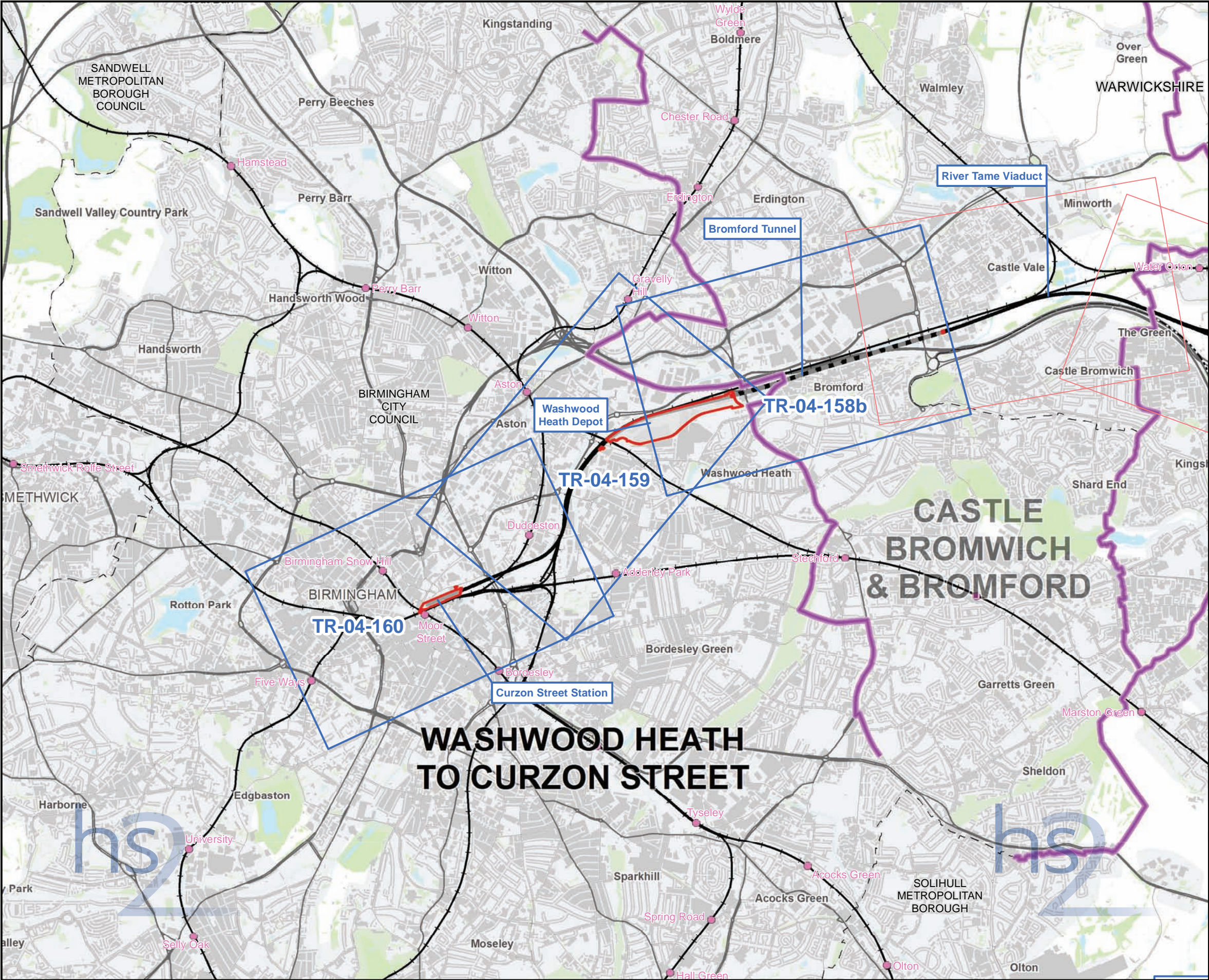
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0 100 200 300 400 Metres

Doc Number: C224-ARP-EV-MAP-040-113160 P06.00

Date: 28/10/13



Map Series Information:

Identifies the significant residual transport effects during the operation of HS2 for each CFA. The effects include those that are permanent (adverse/beneficial) from transport-related impacts as a result of the Proposed Scheme (and mitigation) on the existing transport network and the level of significance of those effects (minor, moderate or major) for the two forecast years 2026 (Opening Year) and 2041 (Design Year).

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
 - Route on surface
 - Depot, station, headhouse or portal building
 - Community forum boundary
 - Existing railway station
 - County boundary
 - District/Borough boundary

- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number	TR-04-INDEX-CFA26
Map Name	Index Map of: Significant Residual Transport Effects Arising from Operation
Community Forum Area CFA26: Washwood Heath to Curzon Street	

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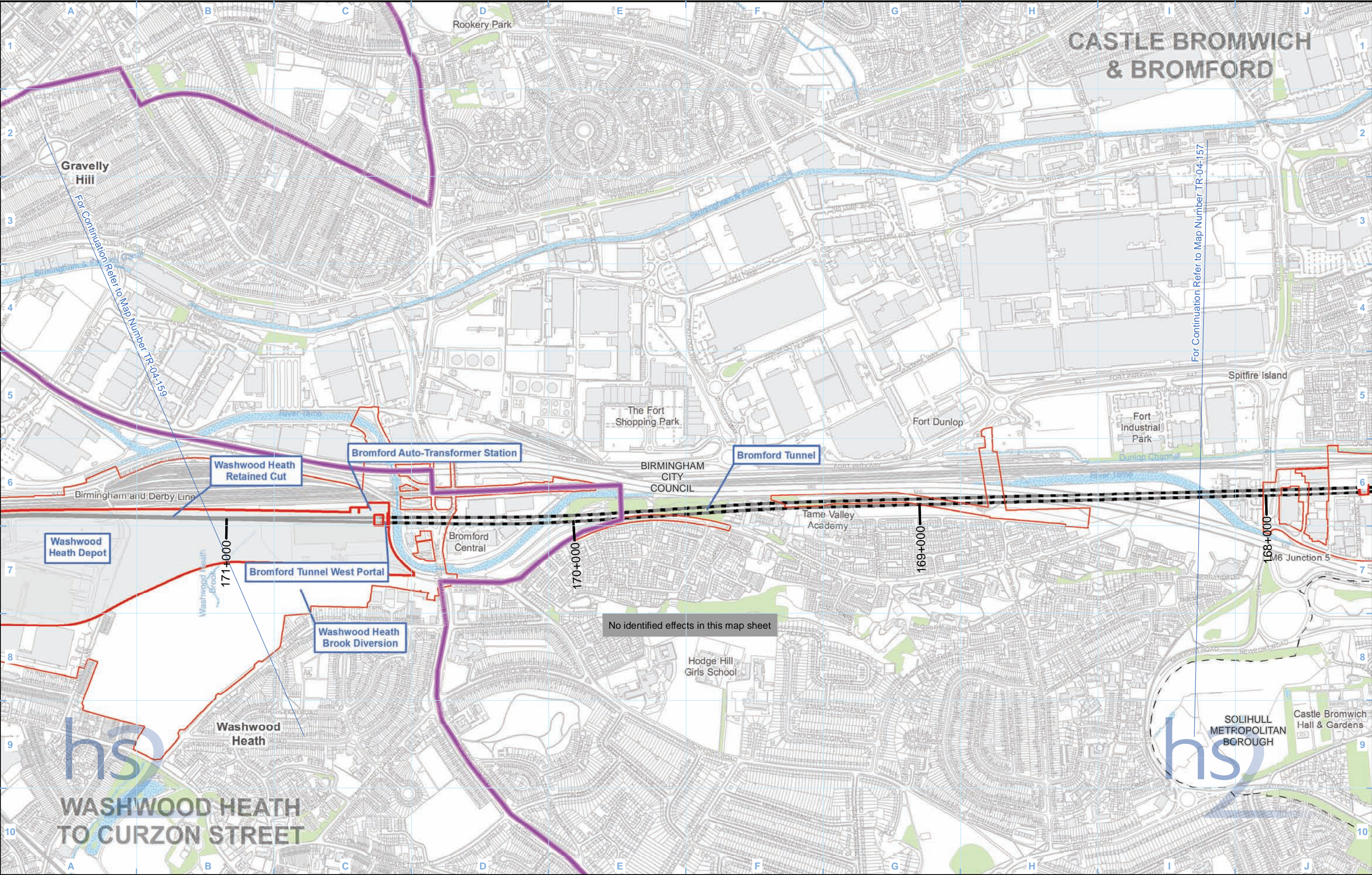
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Doc Number: C224-ARP-EV-MAP-040-614004-P06.00

Scale at A3: 1:50,000

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Date: 25/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland

Operational Significant Effects:

- Adverse-permanent
- Adverse-temporary
- Beneficial-temporary
- Beneficial-permanent

Operational Effects Identifiers:

- PT - Public transport delay
- D - Disruption at stations / interchanges
- T - Traffic flows and delays to vehicle occupants
- P - Parking and loading
- V - Vulnerable road user delays, amenity and ambience
- A - Accidents and safety
- S - Severance
- W - Waterways

Effect Level:

- Mi - Minor
- Mo - Moderate
- Ma - Major

Forecast Year:

- 26 - Significant effect in 2026
- 41 - Significant effect in 2041
- Missing - Significant effect in both forecast years

Significant effect reference:

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Map Number

TR-04-158b

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA26:

Washwood Heath to Curzon Street

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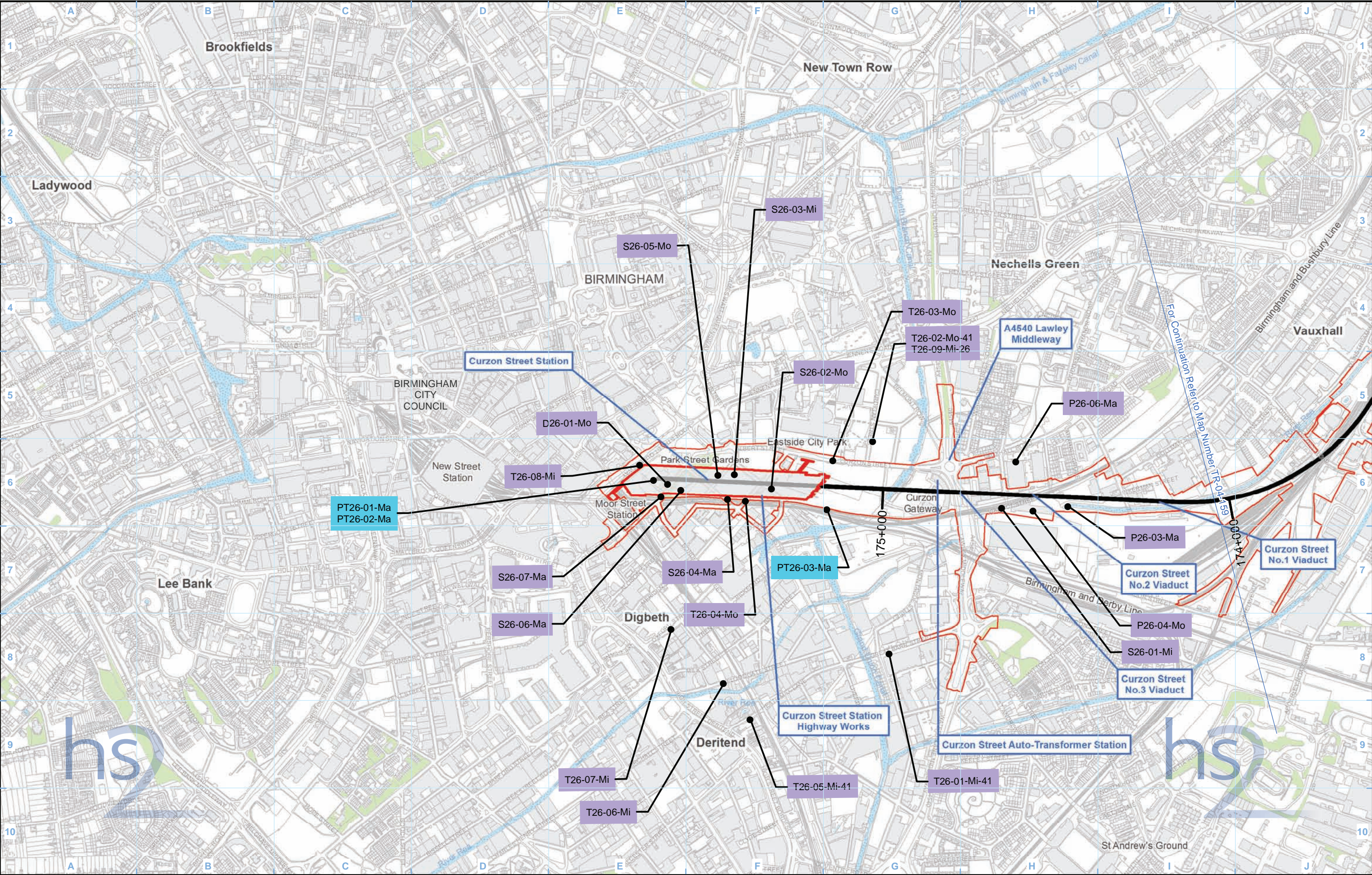
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Doc Number: C224-ARP-EV-MAP-040-114258 P06.00

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Date: 28/10/13



Legend

Route in tunnel

Route on surface

Depot, station, headhouse or portal building

Land potentially required during construction

Community forum boundary

County boundary

District/Borough boundary

Watercourse

Water body

Woodland

Operational Significant Effects:

Adverse-permanent

Adverse-temporary

Beneficial-temporary

Beneficial-permanent

Significant effect reference:

PT24-01-Mi-26

Forecast Year

Effect Level

Feature Number

CFA Number

Identifier - see across

Operational Effects Identifiers:

PT - Public transport delay

D - Disruption at stations / interchanges

T - Traffic flows and delays to vehicle occupants

P - Parking and loading

V - Vulnerable road user delays, amenity and ambience

A - Accidents and safety

S - Severance

W - Waterways

Effect Level:

Mi - Minor

Mo - Moderate

Ma - Major

Forecast Year:

26 - Significant effect in 2026

41 - Significant effect in 2041

Missing - Significant effect in both forecast years

Map Number

TR-04-160

Map Name

Significant Residual Transport Effects Arising from Operation

Community Forum Area CFA26:

Washwood Heath to Curzon Street

hs2

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place,
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Scale at A3: 1:10,000

0 100 200 300 400 Metres

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